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ANNUAL REPORT

OF THE

CALIFORNIA

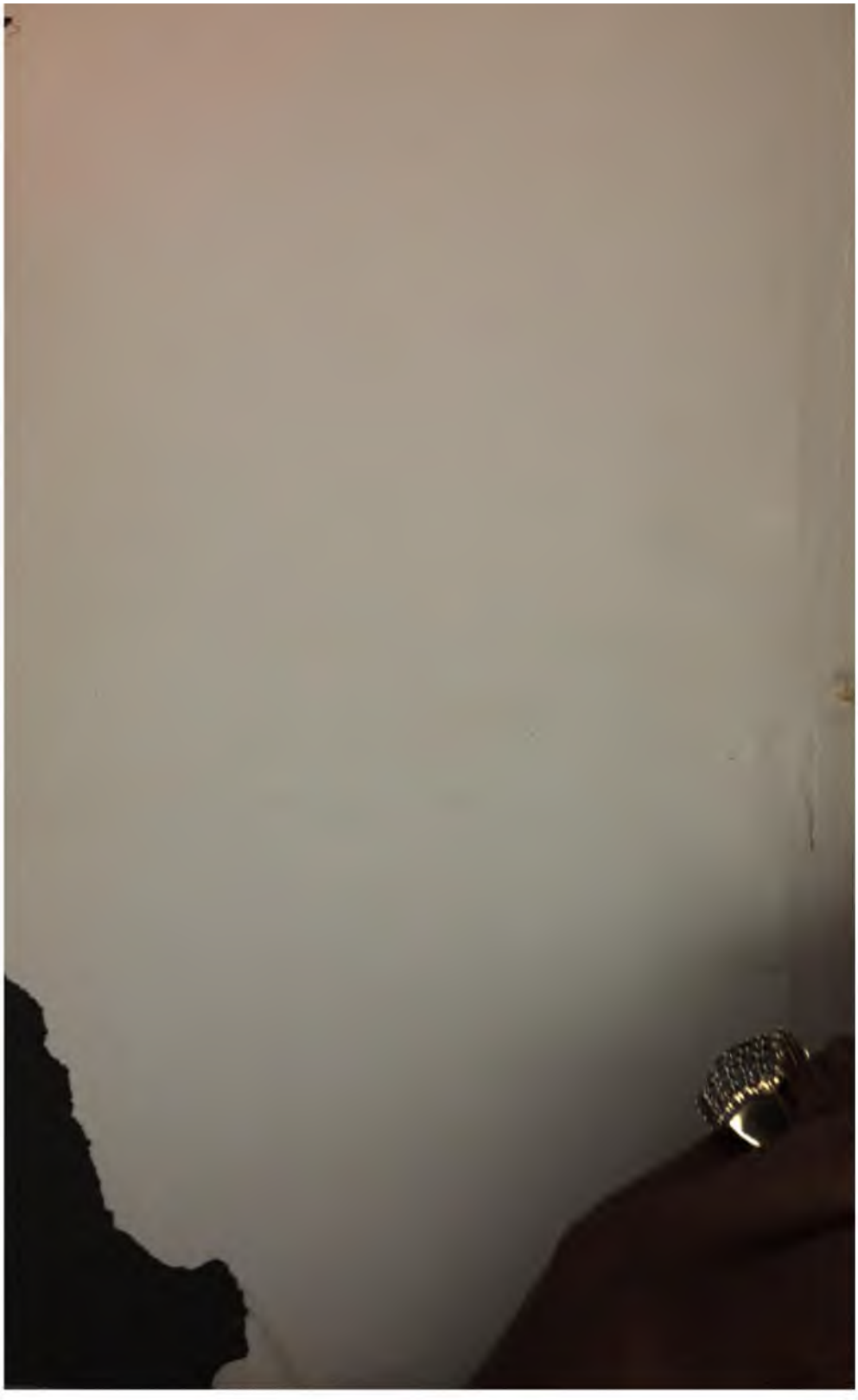
MINING COMPANY

SAN FRANCISCO:

PRINTED AT THE OFFICE OF THE DAILY STOCK EXCHANGE,

306 MONTGOMERY STREET.

1876.



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List of Officers.

PRESIDENT,

R. H. FOLLIS.

SECRETARY,

C. P. GORDON.

TREASURER,

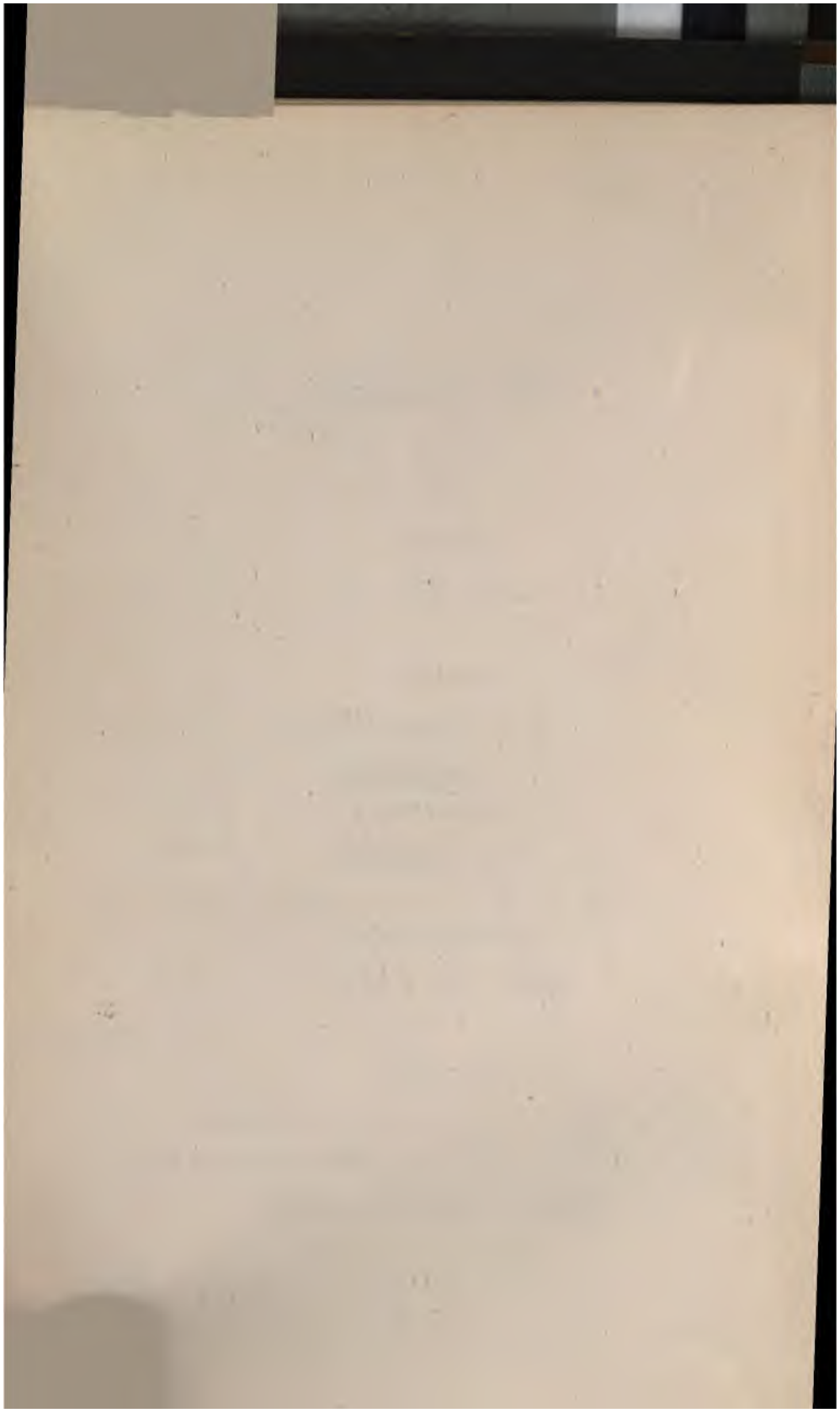
J. C. FLOOD.

SUPERINTENDENT,

JAS. G. FAIR.

TRUSTEES,

J. C. FLOOD, W. S. O'BRIEN,
R. H. FOLLIS, S. HEYDENFELDT,
THOMAS H. WILLIAMS.



Superintendent's Report.

Virginia, Nevada, January 15, 1876.

R. H. Follis, Esq.,

President California Mining Co.:

Dear Sir: — During the past year the mine has been prospected as follows:

On the 1300 foot level a drift has been run from our southern to our northern boundary, west of the ore vein, connecting with the openings of the Ophir mine.

Cross-cut No. 1 has been run east 213 feet on the southern boundary to the ore vein. This drift has been extended north in the ore vein 100 feet, connecting with the winze sunk in the ore body, to the 1400 foot level. The ore found thus far on this (1300 foot level) has been of moderate quality, but that found in sinking the winze has been good from level to level.

On the 1400 foot level a drift has been run west of the ore vein the whole length of the mine, connecting with the Ophir mine on the north. Cross-cuts Nos. 1, 2 and 3 have also been extended from this drift across the ore vein.

A lateral drift has also been run north from our southern boundary, in the ore vein 560 feet, and will soon be connected with the workings of the Ophir mine. A large amount of valuable ore is already developed on this level, but it is less regular than on the levels below.

On the 1500 foot level a drift has been run from our southern to our northern boundary, west of the ore vein. Cross-cuts have been run from this drift 100 feet apart, making six in all. The ore thus developed, shows a width of from 75 to 208 feet. Cross-cuts Nos. 1 and 2 have crossed the ore vein. Cross-cuts Nos. 3, 4, 5 and 6 have not yet been extended across the ore vein, and its width is yet unknown. A lateral drift has been run in the ore vein from the southern to the northern boundary, crossing all of these cross-cuts and intercepting the openings of the Ophir mine. The ore passed through the entire length of this drift, except the northern 70 feet, has been of exceedingly high grade, assaying for weeks, during its construction, a thousand dollars ($1,000) per ton. Three double winzes have been raised in the ore body from this level in cross-cuts Nos. 1, 2 and 3 to the 1400 foot level, all passing through ore of excellent quality.

Four winzes have also been sunk from the lateral drift in cross-cuts Nos. 1, 2, 3 and 5, to the 1550 foot level, all of them passing through ore of high grade the

whole distance. The developments on this level disclose a very large amount of exceedingly rich ore.

On the 1550 foot level the main drift has been extended north 400 feet from our southern boundary to cross-cut No. 5, in the ore body, passing through exceedingly rich ore, and the face of this drift is yet in ore of this quality. This main drift intersects all of the winzes sunk from the 1500 foot level. In cross-cut No. 1, the ore body has been developed to a width of 130 feet, and the ore vein is not yet crossed.

Cross-cut No. 3 has been extended 65 feet, and neither east or west walls have yet been reached.

Cross-cut No. 5 has been developed 75 feet, and both ends of the drift are in high grade ore, as neither the east or west walls have yet been reached.

Between cross-cuts Nos. 2 and 3 a double winze has been sunk to the depth of 128 feet, through ore of excellent quality the entire distance, and terminates in ore of the same richness. Another winze has been sunk 320 feet south of our southern boundary to a depth of 147 feet. No cross-cuts have been run from the bottom of these winzes. The developments made by these winzes prove the continuity at these lower depths, of the same ore body which exists on the levels above, with an appreciation in the quality of the ore which must be of great width.

The sinking of these winzes have been temporarily discontinued on account of the increase of water and our limited means of hoisting. This difficulty will soon be obviated by the drift that is being run on the 1700 foot level of the Consolidated Virginia Mine.

This level is but partially explored. The ore found

is of better quality than that on the levels above, and I have no doubt but that the ore body is of much greater width.

My efforts, the past year, have been to open the mine as thoroughly as possible on all of the levels, and, at the same time, to take out as little ore as possible.

The ore thus removed (5,123½ tons) has been daily hoisted, weighed, assayed, and passed to our credit by the Consolidated Virginia mine, we not then having the mills to reduce it.

All of our levels are connected with the Consolidated Virginia mine on the south, and with the Ophir mine on the north; also by the various winzes referred to, which thoroughly ventilates the mine and makes it cool and pleasant.

At the C. & C. shaft, buildings complete in every respect have been erected, and machinery for pumping and hoisting have been put in place, and are now in full operation. In addition to the main building, there is a blacksmith-shop, a rope-house, two large carpenter-shops, and one machine-shop. The carpenter-shops are supplied each with an engine and machinery —one of these shops being intended for the use of the Consolidated Virginia mine, and the other for the California mine.

The machine-shop is fitted up with engines, lathes, tools, etc.—one side of which is for the use of the Consolidated Virginia mine, and the other side for the California mine. For security against all fires, the works are surrounded by hydrants, with a good supply of fire-hose; and there is an ample supply of water under a very heavy pressure.

A large area of ground immediately surrounding the site of this shaft has been secured, having been purchased at a heavy outlay.

This shaft is situated 1040 feet east of the Consolidated Virginia shaft.

It is now sunk with three compartments to the depth of 988 feet. The cost of this joint shaft to January 1, 1876, was $436,183.13.

A drift is now being run east from the 1500 foot level of the mine, which will connect with the C. & C. shaft.

It will reach that shaft and be in readiness for the transportation of ore as soon as the shaft is sunk to that depth.

Two hundred and eighty-eight (288) feet remain to be sunk to reach this drift.

After this connection is made with the C. & C. shaft, I feel safe in saying that our hoisting capacity will be 2000 tons per day, and as to the supply of ore we have now in sight in the mine a sufficient quantity to last for a long period.

Yours Respectfully,

JAMES G. FAIR,
Superintendent.

President's Report.

To the Stockholders of the

"California Mining Company:"

In presenting my first Annual Report, I have only to call your attention to the development of the mine, which has been going on for the past year almost uninterruptedly. The various drifts, cross-cuts and winzes necessary to future operations have been opened in a systematic manner and with a view to ore extraction when the proper time comes for that work. The sinking of the extensive Joint Shaft has been steadily prosecuted until it has reached a depth of 988 feet, and a few months additional labor will find it penetrating the heart of the ore body already known, and furnishing ample facilities for raising ore in quan-

tities sufficient for the payment of handsome dividends. For the extent of the ore body and details of the work already done, I would respectfully refer you to the Report of the Superintendent, accompanying, and for the Receipts and Disbursements of the fiscal year just closed, to the Report of the Secretary. In conclusion, I may, without hesitation, congratulate you in the possession of the richest and most extensive mine known at the present time, with the prospect of large returns in Dividends for many years to come.

Respectfully Yours,

R. H. FOLLIS,
President.

SECRETARY'S REPORT

OF

RECEIPTS AND DISBURSEMENTS

FOR THE FISCAL YEAR ENDING

January 18th, 1876.

OFFICE OF THE
CALIFORNIA MINING COMPANY,

SAN FRANCISCO, *Jan. 18, 1876.*

R. H. FOLLIS, Esq., *President,*

SIR: I herewith submit my Report showing Receipts and Disbursements for the fiscal year ending anuary 18th, 1876.

Very Respectfully,

C. P. GORDON,
Secretary.

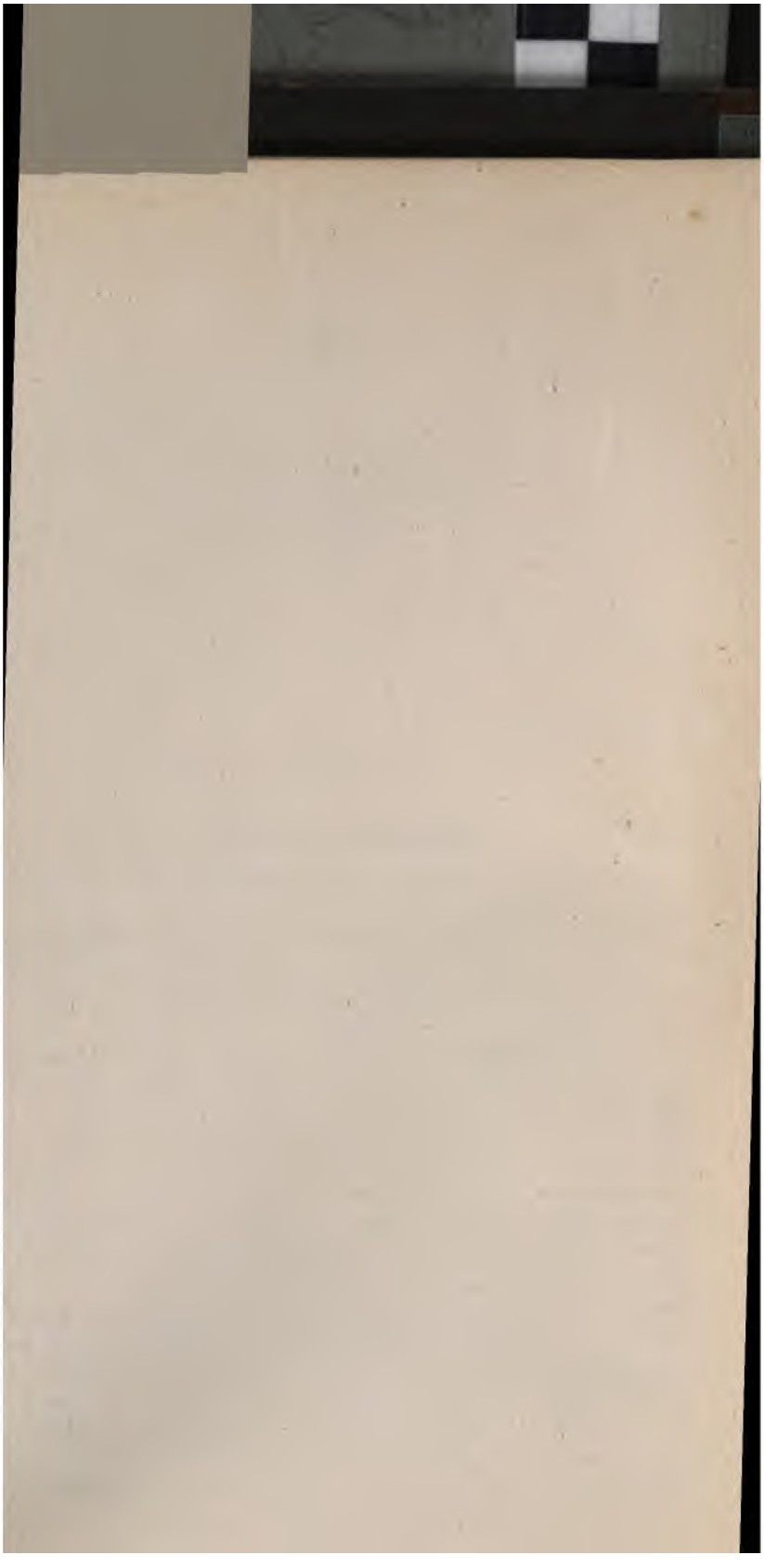
RECEIPTS.

Am't due from Virginia office, last statement, since paid..	$ 1,113 74
Am't due from Bank of California, last statement, since paid.....	574 12
Am't rec'd January 18th, 1876, from sale of ore.....	453,060 46
Nevada Bank over-draft.....	28,247 77
	$482,996 09



DISBURSEMENTS.

J. C. Flood, am't due him, since paid	$ 80,500 00
Freight	220 10
Expense	4,756 42.
Advertising	101 25
Books and Stationery	1,254 90
Salaries and Wages	87,473 50
Supplies	12,745 56
Title	25,000 00
Hoisting	2,681 50
Contribution	500 00
Virginia Office Expense	210 60
Interest and Exchange	37,356 59
Sutro Committee	129 00
Survey	600 00
Taxes	277 75
Legal Expense	10,950 00
C. & C. Shaft	218,091 62
Cash on hand	147 30
	$482,996 09





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1877.

President's Report.

San Francisco, January 17th, 1877.

To the Stockholders of the
California Mining Company.

The report of the Superintendent presents to you an accurate account of the working of the mine, and that of the Secretary a concise statement of the receipts and disbursements.

To the President, therefore, is left only the duty of laying before you the general matters of interest, which have occurred during the past year.

The payment of monthly dividends of two dollars per share ($1,080,000) commenced on the 15th of May last; and, while the stockholders have been kept in constant alarm by sensational rumors, given greater publicity by journals purporting to furnish reliable information, the mine has continued to produce the necessary amount of bullion for the payment of these dividends. The year has been singularly uneventful in misfortune; during that period the extraction of ore has continued with scarcely the interruption of a single day, or the necessity of recording any accident. The

management, which has achieved so happy a result, is entitled to your confidence and approval.

The heavy discount on silver has materially affected the profits of the production; and this would have been even more sensibly felt had not the percentage of gold been unusually large. The recent advance in silver promises an improvement in this respect for the coming year.

The following figures show to what importance the mining business has grown, and how extensively your stock figures in it. There have been transferred during the year, 850,000 shares; as every transfer indicates a transaction, by placing the average price for the year at 60, we find that $51,000,000 represents the aggregate of these transactions.

The report of the Superintendent leads us to hope that the prosperity of the past year will be fully equaled in the year which is before us.

Yours, respectfully,

R. H. FOLLIS,

President.

SUPERINTENDENT'S REPORT.

VIRGINIA, NEVADA, January 12th, 1877.

R. H. FOLLIS, ESQ.,

President California Mining Company.

DEAR SIR: The California mine has yielded, during the year ending December 31st, 1876, 128,800$\frac{1500}{2000}$ tons of ore. Of this ore 127,540$\frac{1200}{2000}$ tons have been reduced, leaving on hand in the ore-houses and at mills 1,260$\frac{300}{2000}$ tons, valued by assay at $189,000. The ore reduced has yielded bullion of the value of $13,400,841.40, being 73 3/8 per cent. of the assay value of the ore. The value of the gold in this bullion was $6,488,640.58, and of the silver, $6,912,200.82. The average yield of the ore, per ton, is $105.07.

The exactions to which the bullion produced has been subjected—in the way of heavy discount on silver, local taxes on net proceeds—and the cost of transportation of the bullion, have materially reduced the apparent yield.

On the 1300-foot level, no work has been done,

during the past year, in the way of developing this portion of the mine, but all the drifts and winzes have been kept in repair. The northern 500 feet of this level, as well as the ground between this level and the 500-foot station, remain undeveloped.

On the 1400-foot level, the drift running lengthwise in the vein has been run north, and has connected with the Ophir mine, securing ventilation. No ore of value has been found in the northern 250 feet of this drift. Yet it may exist to the right or left of this drift. The proposed cross-cuts, Nos. 4, 5, and 6, have not yet been run on this level. In cross-cut No. 3, a winze has been sunk, connecting with the ore-breasts which are now being worked on the level below. This winze passed into good ore 17 feet below this level. Between cross-cuts Nos. 1 and 2 we are now breasting out high-grade ore above this level. How far it will extend upward is not known, as the level above is yet undeveloped. From the work already done, it is evident that this ore body is extensive and of great value.

On the 1500-foot level much work has been done during the past year, and much ore has been extracted. Cross-cuts Nos. 4, 5, and 6 have not yet been extended to the east wall, and the full extent of the ore is so far unknown. The northern 200 feet (excepting a few feet on the north end) and the southern 250 feet of this level show bodies of ore of large extent and of great value. All the winzes above the level, also all the drifts and cross-cuts on this level, are in good repair.

On the 1550-foot level, the drift running lengthwise in the middle of the vein has been extended from

the south line to within a few feet of the northern boundary of the mine, passing all the way through excellent ore. The various cross-cuts run on this level at intervals of 100 feet, and the various winzes connecting with the level above, together with the northern 200 feet of the level below, show the ore to be of much greater width and of a far better quality than on any of the levels above. As the three cross-cuts in the center of the mine have not been extended entirely across the ore body on this level, the whole width of it has not been ascertained. Between cross-cuts Nos. 2 and 3 a double winze has been sunk to the depth of 128 feet, through ore of excellent quality. Owing to the flow of water a cross-cut could not be made from this winze. Within the past ten days, however, this winze has been freed from water to the depth of 100 feet, and a drift from it started south, which is intended to connect with the drift that is now being run on the 1650-foot level from the joint shaft of the California and Consolidated Virginia mines. This drift from the winze has now advanced 16 feet, and continues to pass through ore of the same good quality as was found in the winze. Another winze was sunk from this level in the Consolidated Virginia mine to the depth of 147 feet, passing all the way down in ore of great richness. No cross-cut was made from this winze on account of the heavy flow of water. The developments made by these winzes prove that the same ore body which exists on the levels above continues to these lower depths, with an increased value to the ore, and I have no doubt that it is of great width,

On the 1,600-foot level, the ore breast is now opened in a square of 80 by 80 feet. This breast has not yet been extended to either the east or west wall of the lode. Considerable ore has been taken from this locality, having been transported through the Ophir mine to the Ophir shaft. This mode of raising the ore was necessarily adopted, because our own shaft (the Consolidated Virginia shaft) does not extend below the 1550-foot level. This ore breast is directly under cross-cut No. 6, on the level above. The north face is 50 feet from our northern boundary line, and it is now being worked northward and upward. The ore is of a very fine quality, and of a much higher grade than that above on the 1500 and 1550 foot levels. On this level we have a drift which runs south in the ore body, connecting with winze No. 5, sunk from the level above. It then continues south and connects with the deep winze which was sunk 128 feet below the 1550-foot level. This drift passes all the way through rich ore, except for a few feet, where the ore is of low grade.

The time for the convenient and advantageous working of these lower levels will come when the drift which is now being run from the California and Consolidated shaft on the 1650-foot level has reached the ore body. This drift is now in 610 feet from that shaft, and will reach the vein some time during the present month. Connection will then be made from this drift with the deep winzes spoken of above, which will give new facilities for extracting ore from these lower levels, and at the same time will create additional

ventilation for the mine. I may here remark that this drift would have been into the ledge five months ago, had it not been for the great influx of water in the Consolidated and California shaft, which has prolonged the sinking of the shaft, and consequently delayed the running of this drift and the opening and working of the lower levels.

The Consolidated and California shaft (the joint shaft of the California and Consolidated Virginia mines) is now down 32 feet below the 1650-foot level, and the work of sinking is still going on. The progress in sinking this shaft has been slow on account of the water we have had to contend with from 200 feet from the surface down; the flow of water amounting to from 43 to 47 inches, miners' measure.

All the appurtenances to this shaft, such as the main building, an extensive machine shop, the ore house, the hoisting and pumping machinery, the pumps, pump bobs, water tanks, etc., are complete in every respect. Everything has been constructed on a scale and in a manner commensurate with the large future requirements of the two mines. The surface station of this shaft and the stations in the shaft have been made double, one immediately above another, and two cages, called a double-decker, are employed for hoisting ore, so attached one above the other as to exactly meet these divisions of the stations; both cages being loaded in the mine and unloaded at the surface at the same time. By this method time is economized in raising ore. From the surface station, two substantial railways, one directly over the other, are laid to the

California mill, near by, over which the ore as it comes to the surface can be taken to this mill. This mill is capable of reducing 300 tons per day. An ore house of 3,000 tons capacity has recently been erected, from which ore can be shipped by railroad to other mills.

The facilities for landing wood, timber, and other mining supplies, and for shipping to mills the ore raised through this shaft, have been much improved by the construction of a branch track from the Virginia and Truckee Railroad, which passes on both the upper and lower sides, in close proximity to the works.

The cost of this shaft, and all its appurtenances, together with all the real estate acquired for the purposes of the shaft, amounts, up to January 1st, 1877, to $820,000. Protection of these works against fire has been secured by a complete system of water pipes, hydrants, and hose, with a plentiful supply of water under heavy pressure.

A portion of the ore extracted from the mine, during the past year, has been raised through this shaft, having been transported from the mine through a drift which connects directly with this shaft on the 1500-foot level. This is a large drift, well timbered, and laid with a T rail track, the same as is used in all the drifts and cross-cuts on the 1500-foot level. In addition to being a convenient thoroughfare for the transportation of ore, this drift aids materially in the ventilation of the mine.

Our supply of wood and timber, which is shown in the accompanying inventory of supplies on hand, is ample for present requirements, and, without any addi-

tion to it, is sufficient to meet our wants in the event of a storm of a month's duration.

We have facilities for the melting and assaying of all the bullion produced from the mine in the department which has been constructed for that purpose, in the immediate vicinity of the mining works, and which has been furnished with all the requisite apparatus and materials for doing that work, both for this and the Consolidated Virginia mines.

With the expectation of soon overcoming all the impediments which have been hinted at above, as having stood in the way of our operations in the mine, and that the necessary connections will soon be made for working the lower levels to advantage, I anticipate, from the indications which are before us, that the work of the present year will be crowned with unparalleled success.

Very respectfully,

JAMES G. FAIR,

Superintendent.

California Mining Company.

Inventory of Property at Mine, January 1st, 1877.

Supplies—		
Timber, 1,500,000 feet		$36,750 00
Supplies in Mine—		
Iron Cars, 12	$1,320 00	
Wheelbarrows, 24	480 00	
Shovels, 10 dozen	120 00	
Picks, 20 dozen	420 00	
Drills, 20 dozen	240 00	
Sledge Hammers, 10 dozen	170 00	
Axes, 5 dozen	90 00	
Powder, 750 pounds	397 50	
Fuse, 18,000 feet	126 00	
Caps, 100 boxes	112 50	
Candles, 100 boxes	710 00	
Plate Iron, 12,000 pounds	720 00	
Spikes, 10 kegs	65 00	
Nails, 5 kegs	30 00	
Buckets, 4 dozen	60 00	
Lard Oil, 100 gallons	130 00	
		5,191 00
		$41,941 00
Machinery, etc., in Mine		6,316 84
		$48,257 84

Consolidated and California Joint Shaft.

Inventory of Property at Virginia, Nev., Jan. 1st, 1877.

Real Estate	$ 25,000 00	
Hoisting Works, Pumps, and Machinery	300,000 00	
		$325,000 00
Supplies—		
Timber, 2,004,274 feet	$ 50,858 45	
Wood, 800 cords	9,600 00	
Red Spruce Timber, 10,788 feet	388 36	
Charcoal, 200 bushels	60 00	
Cumberland Coal, 8 tons	440 00	
		61,346 81
In Store Room—		
Candles, 12 boxes	$ 80 40	
Lard Oil 400 gallons	433 33	
Coal Oil, 100 gallons	49 29	
Giant Powder, 100 lbs	53 00	
Giant Caps, ½ dozen	6 75	
Fuse, 6,000 feet	35 00	
Plate Iron, 1,600 pounds	96 00	
Bar Iron, 20,000 pounds	1,000 00	
Steel, 3,200 lbs	480 00	
Gas Pipe, 4,000 feet	600 00	
Sledges, 1 dozen	18 40	
Picks, 5 dozen	75 00	
Pick Handles. 10 dozen	42 00	
White Lead, 200 pounds	30 00	
Black Varnish, 100 gallons	130 00	
Miscellaneous	4,856 00	
		7,985 17
Total		$394,331 98

Secretary's Report.

Office of California Mining Company,
San Francisco, January 13th, 1877.

R. H. Follis, *President.*

Dear Sir: I herewith submit my annual report of receipts and disbursements for the fiscal year.

Yours respectfully,

C. P. GORDON,
Secretary.

RECEIPTS.

Cash on hand, last statement	$	147 30
Gross product of the mine		13,400,841 40
Ore sold at Centennial		1,573 90
Present overdraft, Nevada Bank		339,637 62
	$	13,742,200 22

DISBURSEMENTS.

Overdraft at Bank, last statement	$ 28,247	77
Dividends Nos. 1 to 8	8,640,000	00
Reduction of Ore	1,613,472	70
Discount on Bullion	895,521	01
Salaries and Wages	417,509	50
Supplies for mine	296,887	87
"C. & C." Joint Shaft	191,908	38
Bullion Freight, including freight on bullion shipped East	93,066	14
Hoisting Ore	70,915	18
Assaying	34,802	05
Interest and Exchange	50,715	50
Taxes, City and County, and on Bullion	33,632	94
Legal Expenses	15,175	65
Virginia Office Expenses	3,842	41
Surveying	850	00
Insurance	2,000	00
Advertising and Printing	215	50
Books and Stationery	1,760	18
San Francisco Office Expenses	4,818	19
Sutro Committee	129	00
Contributions	95	00
Cash on hand in Virginia	384	14
Samples on hand	2,228	68
Cash on hand in San Francisco	1,054	50
Bullion in hands of Nevada Bank	1,342,967	93
	$13,742,200	22





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List of Officers.

PRESIDENT,

GEORGE WALLACE.

VICE-PRESIDENT,

R. H. FOLLIS.

SECRETARY,

C. P. GORDON.

SUPERINTENDENT,

JAMES G. FAIR.

DIRECTORS,

CORNELIUS O'CONNOR, R. H. FOLLIS,
GEORGE WALLACE, S. HEYDENFELDT,
THOMAS H. WILLIAMS.

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CORNELIUS O'CONNOR, R. H. FOLLIS,
GEORGE WALLACE, S. HEYDENFELDT,
THOMAS H. WILLIAMS.

President's Report.

Office California Mining Company,
San Francisco, Cal., January 16th, 1878.

To the Stockholders of the California Mining Co.

The mine has yielded during the year ending December 31st, 1877, 217,432 tons of ore. Of this ore 213,683 $\frac{150}{2000}$ tons have been reduced, yielding bullion of the value of $18,924,850 27. The value of the gold in the bullion was $9,386,745 47, and of the silver $9,538,104 80.

This is a splendid showing for the year, and the dividends paid to the stockholders since the last annual statement, amounting to $14,040,000, are the tangible proofs of it.

The tax on bullion, levied by the State of Nevada, is onerous—we have paid taxes during the year amounting to the sum of $462,629 78.

The discount on sales of silver bullion is another material item of expense, amounting for the past year to $1,039,947 18.

The annual report of the Superintendent, laid before you this day, is very full and complete, giving detailed statements of the workings on the different levels of the mine; accompanied by full and accurate maps, showing at a glance the progress made in developing the mine; and I deem it proper to express in this public manner, the thanks of the Company to its Superintendent, James G. Fair, Esq., for the very able and intelligent manner in which he has discharged his duties.

The report of the Secretary gives you in detail the amounts received and disbursed during the year, and shows the financial condition of the Company.

And I feel I should not close this report without congratulating the stockholders upon the very prosperous year just closed.

GEO. WALLACE,
President.

SUPERINTENDENT'S REPORT.

VIRGINIA, Nev., January, 12th, 1878.

GEO. WALLACE, ESQ.,

President California Mining Company.

DEAR SIR:— The California mine has yielded, during the year ending December 31st, 1877, 217,432 tons of ore. There remained on hand on the first day of January, 1877, in the ore houses and at mills, 1260 $\frac{300}{2000}$ tons, making a total of 218,692 $\frac{300}{2000}$ tons. Of this ore 213,683 $\frac{150}{2000}$ tons have been reduced, leaving on hand in the ore houses and at mills 5009 $\frac{150}{2000}$ tons, valued by assay at $518,431. The ore reduced has yielded bullion of the value of $18,924,850 27, or $88 49½ per ton; this yield being 73 $\frac{3}{10}$ per cent. of the assay value of the ore. The value of the gold in this bullion was $9,386,745 47, and of the silver, $9,538,104 80.

After paying the expense of transportation and the heavy discount which is exacted on silver, the net proceeds realized from the bullion by the time it has become converted into money, amount to considerably less than the stamped value of the bars.

In reviewing the operations in this mine for the past year, that there may be a full understanding of their nature and extent, I will describe what work has been done on each particular level, and the results, commencing with the

1400 Foot Level.

Considerable work has been done on this level and on the levels above it, but not enough to determine whether ore exists, or not, in either of them. The drifts and cross-cuts heretofore run are badly crushed and require much labor to place them in order. This should be done and the ore vein thoroughly cross-cutted and the value of the ore which may be contained therein, be determined within the present year.

1500 Foot Level.

From this level much ore has been taken, and much still remains on the east side of the stopes which have been worked. Its quality, so far as it has been developed, is of low grade, excepting a small body lying south from cross-cut No 4 and on the west of the main ore body. This body is but 14 feet in width and between 60 and 70 feet in length.

In the northern 200 feet of the mine, on this level and the level above, our drifts and cross-cuts have not been extended to the east boundary of the ore body, but have terminated in a vast body of poor quartz—of too low a grade to justify extraction. These drifts should be extended to the east wall and a thorough knowledge of this locality be obtained.

We are now engaged in running a drift from the C. and C. joint drift on this level—so far 136 feet, and its whole length, when it intersects the ore stopes, will be 371 feet. From this drift we can develop this body of quartz cheaply and avoid the crushing ground which adjoins the settling ore stopes.

The main north drift which extends from the main shaft to cross-cut No. 4 on this level, also cross-cuts Nos. 1, 2, 3, and 4 are in fair condition, but they are kept so at continual heavy expense on account of the constant settling and creeping to the east of the ground near to and west of the ore stopes through which this drift and these cross-cuts pass No. 4 winze extends down to the 1600 foot level. Through this winze are passed all the timbers for the northern part of the mine on the two levels below. It will be continued to the 1650 foot level, and be used for the same purpose for that level.

1550 Foot Level.

From this level a vast quantity of ore has been taken, of high grade. On the sill floor the ore has extended the whole length of the mine, excepting

a few feet next to the northern boundary. The same may be said of the second floor and upward, excepting ten feet next to the north line. The part excepted carries ore of low grade. The ore body on this level, at the widest point, is 162 feet in width. To the east of this ore body there is a very large body of low grade quartz, similar to that on the levels above, which has not been developed—the cross-cuts not having been extended to the east wall of the ore vein.

From all appearances the largest portion of the bulk of ore on this level has been taken out. There still remains considerable ore of good quality and a large quantity of medium grade.

We are now running a large working drift on the west side of the ore body in the solid west wall. This drift will extend the whole length of the mine, connecting with the main shaft on the south and with the Ophir mine on the north. All the cross-cuts will be continued to this drift, and from it access will be had to all parts of the level. The completion of this drift will relieve us from the heavy expense which is required in maintaining drifts close to the settling and swelling ground adjacent to the ore body.

This level is well ventilated by winzes sunk at intervals in the vein, connecting with the level above and with the level below. Winze No. 3 extends to the 1650 foot level, and by means of a cage, men and materials are cheaply conveyed down it to the 1600 and 1650 foot levels.

The east clay of the ore body has been followed northeast from No. 3 winze 120 feet. Lying against this east clay is an east seam of ore 18 feet in width, of fair quality. This ore seam gradually widens going north. It is east of what has heretofore been supposed to be the east clay of the ore body. Between this point and the northern boundary the east wall has not been reached on this level.

1600 Foot Level.

From this level 105,723 $\frac{1200}{2000}$ tons of ore have been extracted, and all of this has been hoisted through the Ophir shaft. The ore breasts show a large quantity of good ore remaining. The sill floor has been extended from the northern boundary south to within 240 feet of the south line of the mine. This 240 feet of the ore body is untouched between this level and the level above, except where it has been penetrated by No. 3 winze which passes through it. This winze shows good ore, and we have reason to believe that the whole block is of the same good quality.

The sill floor between winzes Nos. 5 and 6 discloses a poor spot extending across the vein. Its length is 50 feet on the east side and nearly 40 feet on the west side; but the second floor and all the floors above show continuous ore over this poor section. Winze No. 6 has been sunk from this level 100 feet to the 1700 foot level, passing down through fair ore to within 10 feet of its bottom—at which point it entered the west wall. Winze No. 5 has been sunk

240 feet below this level and connected with the 1650, 1700, 1750, and 1840 foot levels. These winzes are large and have, each, two compartments, with strong air winding engines placed upon them, and they are indispensably necessary for the transmission of men and materials and for the free passage of air from level to level. Winze No. 4 has been sunk to the 1650 foot level and ventilates that level.

A large drift connects with the Ophir shaft through which the ore is run out to that shaft and from which we obtain our main supply of pure air. A joint incline winze has been sunk from this level to the 1840 foot level. In its descent it connects with the 1700 foot level and ventilates that level. It is heavily timbered and is designed for a chute for the ore of the 1700 foot level. A large lateral drift is being run the whole length of the mine. It connects with the Ophir air gallery on the north—40 feet to the east of the ore stopes, and in going south it keeps the same distance east of the stopes. All the cross-gangways in the ore body will be connected with this drift, and the working drift which runs in the middle of the ore body and which is badly crushed and is now expensive to maintain and cannot be kept open as the level below is being worked upward, will be abandoned.

The east wall has not been reached in any of our cross-cuts in the northern 400 feet of the mine on this level. These cross-cuts all terminated in a large solid body of poor quartz.

1650 Foot Level.

The main drift which leads from the Consolidated Virginia and California joint shaft on this level has been carried forward to the ore vein. A branch drift has also been run northwest, cutting the ore body at a point 110 feet north of the southern boundary of the mine. A joint cross-cut (No. 1) has been extended west across the vein to the Consolidated Virginia main shaft, a distance of 270 feet, and ore is now being hoisted through this shaft from this level.

This level has been partially opened by a main drift which runs in the middle of the vein for the whole length of the mine—except 40 feet in which the drift is now being advanced. This drift, as it passes north, connects with winzes Nos. 3, 4, 4½, 5 and 6. Cross-cuts Nos. 2, 3, 4, 4½ and 5 have been extended across the ore vein—each one touching, as we suppose, the east clay and the west clay. Some of these cross-cuts pass through fine ore, and some through worthless matter.

The sill floor of the stope opened on the south line extends north 105 feet, passing on each side of the horse. The ore again unites at No. 3 winze, the horse giving out at this point. Here we have opened a small sill floor 30 by 30 feet and 12 feet in height, and the ore here is of excellent quality. The ore body again splits in going north, one part of it bearing to the northeast, and the other part to the northwest under the ore body worked on the level above.

The main north drift in the ore body has already

required to be enlarged and timbered five times, and is now in bad condition. To save the great expense of thus maintaining drifts in the ore vein, a lateral drift has been started from the main shaft, and will be run north in the hard blasting rock of the west wall for the whole length of the mine. All the cross-cuts will be extended to this drift, and will enable us to reach all parts of the ore body conveniently.

There is a large quantity of ore on this level, yet but little breasting out has been done, and that only at the southern boundary. Our greatest extraction has been confined to the 1600 foot level, where the ore body is very wide and heavy, and must be worked rapidly to avoid crushing of timbers and the consequent great loss of ore. Much work has yet to be done on this level to know definitely its value. No. 3 winze has been sunk to and connected with the 1750 foot level. A cage has been placed in one of its compartments—affording a very convenient passage from level to level. The ventilation of this level has been made perfect by the four winzes which connect it with the level below.

1700 Foot Level.

This level is but partially developed, and only on the northern 245 feet of the mine. Winze No. 6, which is situated 120 feet from our northern boundary, has been sunk to this level from the 1600 foot level. From the bottom of it a cross-cut has been run east 102 feet—passing 81 feet in ore of good quality, and terminating in porphyry and quartz of no value. A

lateral drift has been run north and west of the ore body—connecting with the joint incline winze on the north, which ventilates the level. Another lateral drift is run south in the hard west wall—connecting with winze No. 5, which extends down to the 1840 foot level. An east cross-cut has been run 55 feet, and a drill hole 200 feet farther, but no ore of value has been encountered in either. A cross-cut has been run west from this winze 82 feet, passing all the way in vein matter and low grade ore. But little is yet known of this level.

1750 Foot Level.

This level has been partially opened by running a joint drift west from the Consolidated Virginia and California joint shaft 540 feet on our south line. At this point this drift forks—the south branch passing into the Consolidated Virginia mine, and the north branch in the California mine at a point 110 feet north of the southern boundary. The ore body has been cross-cutted by a joint cross-cut near the south line and by cross-cuts Nos. 2, 2½ and 3, which extend from the east clay to the west clay of the ore body. A drift has been run in the middle of the vein from the south line north 180 feet, at which point it passes into the west wall. It continues in the west wall 225 feet, its course being north, five degrees east, and in 15 or 20 feet more it is expected to cut the ore body which was cross-cutted on the 1700 foot level, as the vein bears to the northwest as we approach the north end of the mine. This drift has to be run 195 feet

farther to reach our northern boundary—where it will intersect the north joint winze and ore chute. This connection will ventilate the level and enable us to transport the ore either north to the Ophir shaft, or south to our own shafts. Winze No. 5 connects with this drift by a cross-cut west 76 feet, which ventilates all of the drift south of this winze. Cross-cut No. 3 connects with the large double winze sunk from the level above.

The ore body on this level is very wide, and the vein well defined with regular walls. The greatest part of the ore is of too low a grade to pay for mining and milling. The good ore is confined to the east wall, and its greatest width does not exceed 28 feet. As the sill floors of the level above carried good ore, and as winzes Nos. 1 and 3 passed down in good ore more than half their depth, it is reasonable to suppose that much ore exists between this level and the level above. As before stated, the level is opened only in part, and much work must yet be done to arrive at a knowledge of its value.

Winze No. 3 is now sunk 190 feet below this level, and is being continued downward. In its descent it intercepts the 1840 foot level drift. No cross-cuts have been run from this winze, and no ore of value has been developed by it. It is situated 90 feet north from our south line. The 1850 foot level drift from the C. and C. shaft, when run, will connect with this winze for air.

1840 Foot Level.

The opening of this level has been commenced at

the north end—from the Ophir mine. A drift was run from that mine south in the hard west wall 350 feet; thence southeast 195 feet, connecting with No. 3 winze, sunk from the 1750 foot level. A joint Ophir and California cross-cut has been run east from this drift on our north line 190 feet, and it will be continued east on a line with the east ore body found in the Ophir mine. By this cross-cut we will ascertain if that body extends south and upward into this mine.

Cross-cut No. 5 is also being run east from the lateral drift spoken of. It is now in 220 feet, and will be continued to the east wall of the vein. This level is well ventilated by the connections with the Ophir mine, and with the joint winze and winzes Nos. 3 and 5. The explorations so far made on this level are very limited.

In addition to the operations on the several levels which have been detailed above, a very large amount of extra work has been done the past year—in keeping the main shaft and stations in a working condition, in maintaining the working drifts, and in opening and keeping open air connections, etc., all which has entailed great expense. This has resulted from the fact that, in working these wide bodies of ore, the constant pressure of the ground surrounding the worked out ore stopes is so great, that it requires a large force of men to keep the mine in a suitable condition for extracting ore, and the expense for the time being has also increased from the necessity of hastening the extraction of the ore in order to prevent the loss of much ore which would follow from the caving of the ground and the crushing of the timbers.

The system we have now adopted of running all lateral drifts outside of the ore body away from the swelling and settling ground and connecting them with the cross-cuts in the ore body, will save the company many thousand dollars the present year. Another way to economy is found in the use of compressed air in working engines for sinking winzes, in running blowers for ventilating the drifts and the ore stopes, in hoisting timbers into the stopes and in running rock drills.

The main shaft (the Consolidated Virginia) has been sunk from the 1550 foot level to the 1650 foot level, and connected through the Consolidated Virginia mine with the drifts in the ore vein on the latter level. Four hundred feet of it has been re-timbered, and some parts of it three and four times. It is passable, but at the same time it is badly crushed and dangerous, and requires extensive re-timbering.

The Consolidated Virginia and California joint shaft has been sunk from 25 feet below the 1650 foot level to a point which is 12 feet below the 1850 foot level, and the timbers for a shaft station at the latter level are already in place. The heavy flow of water has continued throughout the year, and remains unabated. The flow of water amounting to from 43 to 45 inches, miners' measure, all comes into the shaft at a point 37 feet above the bottom of it, with the exception of about 10 inches that issues from the C. and C. drift on the 1500 foot level.

The flow in this shaft is the only water that we have to contend with, as the mine in all its levels is

now comparatively dry. The bottom of the shaft is now dry and in very hard blasting rock.

The sinking of the shaft has been discontinued for the past three months and a half, but this work will be resumed within the next two months.

Each hoisting compartment of this shaft is fitted with three cages, one over the other, which enables us to hoist three tons each trip in each compartment. A fourth cage is in readiness to be added to each compartment whenever required. Two of these cages are loaded at the same time, and they are also unloaded simultaneously, as the floors and tracks leading from the surface station to the ore houses are laid one immediately over the other, corresponding to the height and position of the cages.

All appurtenances to this shaft, such as the main building, the ore houses, the hoisting and pumping machinery, the pumps, pump bobs, water tanks, etc., have not deteriorated in condition since my last annual report, but have rather been made more complete by such additions and changes as circumstances required, one of which is a large new air compressor, which has been constructed and put in place at a cost of $25,000. Everything connected with this shaft has been constructed on a scale and in a manner commensurate with the large future requirements of the two mines. A branch track from the Virginia and Truckee Railroad passes on two sides of these works, in close proximity to them, and this enables us, in the most convenient and expeditious manner, to land wood, timber and other mine supplies, and to ship to mills the ore

SECRETARY'S REPORT.

OFFICE CALIFORNIA MINING CO.
SAN FRANCISCO, Cal., January 16th, 1878.

GEO. WALLACE, ESQ.,

President California Mining Company.

DEAR SIR:—Herewith I submit my annual report of receipts and disbursements for the fiscal year ending January 16th, 1878. Accompanying my report will be found a statement compiled by Mr. Taylor, chief clerk at Virginia City, showing the cost of every article used at the mine, and an estimate of what each ton of ore costs up to the time the bullion is shipped to San Francisco. In order to find what it costs to reduce each ton to money I have made the following calculation of expenses incurred in San Francisco:

ments, containing details in regard to the production of the mine, and the receipts and disbursements for the whole year; also, inventories of all property on hand in Virginia on the 31st day of December, belonging to the Consolidated Virginia and California Joint Shaft; the quantities and cost value of all mine supplies purchased and consumed; the amount of labor employed—its different kinds and cost; the cost of reduction of the ore, and various other expenditures; all of which have been carefully prepared, and are submitted as complete statistical information on these matters, worthy of close examination.

Yours, respectfully,

JAMES G. FAIR,

Superintendent.

Secretary's Report.

Office California Mining Co.
San Francisco, Cal., January 16th, 1878.

Geo. Wallace, Esq.,

President California Mining Company.

Dear Sir:—Herewith I submit my annual report of receipts and disbursements for the fiscal year ending January 16th, 1878. Accompanying my report will be found a statement compiled by Mr. Taylor, chief clerk at Virginia City, showing the cost of every article used at the mine, and an estimate of what each ton of ore costs up to the time the bullion is shipped to San Francisco. In order to find what it costs to reduce each ton to money I have made the following calculation of expenses incurred in San Francisco:

Discount on bullion	$1,039,947 18
Refining	207,355 38
Bullion freight	70,315 26
Interest and exchange	78,811 94
Taxes	991 85
San Francisco office expenses, including stationery, salaries, etc	16,323 98
Total	$1,413,745 59
This amount divided by the number of tons worked (213,683), gives a cost of.	$ 6 61 6/10
Cost per ton in Virginia	19 08 8/10
Total cost per ton	$25 70 4/10

C. P. GORDON,
Secretary.

ANNUAL STATEMENT.

California Mining Company, January 16th, 1878.

RECEIPTS.

Bullion on hand last Anuual Statement	$1,342,967 93
Cash on hand last Annual Statement, San Francisco.....	1,054 50
Cash on hand last Annual Statement, Virginia..	384 14
Samples on hand last Annual Statement.....	2,228 68
Gross Product of mine since last Annual Statement.....	18,924,850 27
Ore Sales.....	25,832 15
	$20,297,317 67

ANNUAL STATEMENT.

California Mining Company, January 16th, 1878.

DISBURSEMENTS.

Overdraft Nevada Bank, last Annual Statement (since paid)	$339,637 62
Dividends, Nos. 9 to 21, inclusive	14,040,000 00
Reduction of Ore	2,220,007 87
Supplies in Virginia	315,017 35
Salaries and Wages, Virginia	788,012 00
" " San Francisco	10,450 00
Taxes paid in Virginia	461,637 93
" " San Francisco	991 85
Legal Expenses, Virginia	70,426 20
" " San Francisco	57,172 86
Interest and Exchange, Virginia	9,156 01
" " San Francisco	78,811 94
Hoisting	186,461 82
Assaying	53,208 19
"C. and C." Shaft	131,000 00
Virginia Office Expense	2,927 05
Surveying	1,050 00
Team Account (hauling)	780 25
Discount on Bullion	1,039,947 18
Refining	207,355 38
Bullion Freight	70,315 26
San Francisco Office Expenses	4,030 48
Books and Stationery, San Francisco	1,506 00
Advertising and Printing	337 50
Cash in Nevada Bank	202,366 24
Cash on hand, San Francisco	701 45
Samples on hand, San Francisco	373 34
" " Virginia	2,337 59
Cash on hand, Virginia	1,298 31
	$20,297,317 67

Chief Clerk's Report.

San Francisco, January 10th, 1878.

C. P. Gordon, Esq.,

Secretary California Mining Company.

Dear Sir:—I herewith hand you Statement and Balance Sheet showing disbursements at the mine for the fiscal year 1877.

For want of room, most of our supplies are furnished from the Consolidated Virginia and Consolidated Virginia and California joint shaft store houses; consequently, we have no supplies on hand, except those in use.

The fraction over $10 for milling, is caused by the employing of three mills outside of the Pacific Mill and Mining Company, at a cost of $11 per ton for crushing the ore.

Yours, respectfully,

J. M. TAYLOR.

BULLION STATEMENT.

California Mining Company, 1877.

Dec. 1876—Tons of Ore on hand	1,260$\frac{3}{20}\frac{0}{0}$	
" " " " Extracted.....	217,432	
		218,692$\frac{300}{2000}$
" " " " Reduced		213,683$\frac{150}{2000}$
Dec. 1877— " " Remaining on hand		5,009$\frac{150}{2000}$

TOTAL COST PER TON.....		$19 08$\frac{8}{10}$
Hoisting Ore and Waste.....	$0 85$\frac{7}{10}$	
Reducing.....	10 38$\frac{2}{10}$	
Labor.....	3 57$\frac{5}{10}$	
Supplies, Bullion Taxes and General Expense	4 26$\frac{7}{10}$	
		$19 08$\frac{8}{10}$

BULLION YIELD FOR YEAR—

Gold.....	$9,386,745 47	
Silver	9,538,104 80	
Total.....		$18,924,850 27

OUNCES OF FINE SILVER.....	12,723,185$\frac{5}{10}$
Average Value per Ounce.....	$2 38$\frac{1}{2}$
" " Ton.....	88 49$\frac{1}{2}$
Weight, tons.....	464$\frac{1053}{2000}$

TOTAL PRODUCTION OF MINE—

Gold.....	$15,875,885 42	
Silver.....	16,449,806 25	
		$32,325,691 67

7,897 Bars.

BALANCE SHEET.

California Mining Co., Virginia City, Dec. 31st, 1877.

DR.

Cash on hand Dec. 31, 1876.....	$384 14	
Samples on hand " "	549 14	
Cash on drafts from Secretary.....	4,239,364 32	
		$4,240,297 60
Sale of 2,688 lbs. T rail		143 32
Interest.....		194 12
Money received on account of "Paul Bullion"..		1,040 40
General Expense, Cash returned.....		120 65
Samples produced		11,007 32
		$4,252,803 41

BALANCE SHEET.

California Mining Co., Virginia City, Dec. 31st, 1877.

CR.

PURCHASE OF SUPPLIES—

Timber, 10,430,645 feet	$224,977 52
Wood, Mahogany, 12 cords	216 00
Candles, 2,357 boxes	15,950 50
Powder, 36,850 lbs.	17,340 95
Fuse, 393,000 feet	2,662 37
Oil, 4,339 gallons	4,683 70
Picks, Sledges and Handles, 176 dozen	1,263 87
Axes and Handles, 18 dozen	333 00
Shovels, 83 dozen	952 00
Iron, Plate, 53,000 lbs.	3,180 00
" R'd and Sq., 3,554 lbs.	212 47
" T Rail and fittings, 28,510 lbs.	1,096 43
" Angle, 1,800 lbs.	80 03
Steel, 6,400 lbs.	1,103 50
Nails and Spikes, 9,300 lbs.	489 85
Lanterns and Sconces, 31 doz.	460 00
Brooms, 65 dozen	509 25
Buckets and Dippers, 41 dozen.	424 00
Gas Pipe, 3,403 feet.	794 43
Air Pipe, 403 feet.	442 75
Ice, 1,957,402 lbs.	21,899 43
Tallow, 400 lbs.	36 00
Hose, 425 feet.	328 73
Belting, 175 feet.	37 55
Caps, 1,090 boxes.	1,123 00
Ore Cars, 28.	3,080 00
Blowers, 9.	405 00
Carried forward	$304,082 33

Brought forward	$304,082 33	
Sample Sacks, 1,000	97 50	
Wheelbarrows, 38	696 00	
1 small Engine	355 00	
Lagging	105 00	
Paint	338 61	
Freight	1,844 50	
Cartage	151 00	
Coal and Charcoal	2,280 37	
Medical Supplies	832 58	
Clothing	367 25	
Miscellaneous Supplies	4,010 53	
		$315,160 67
SALARIES—		
Superintendent and Clerks	$11,650 00	
Wages, Laborers	776,362 00	
		788,012 00
OFFICE EXPENSE—		
Stationery	$525 30	
Newspapers, Printing, Advertisements	258 00	
Laundry	102 25	
Watchman	780 00	
Telegraphing	523 90	
Wells, Fargo & Co	273 50	
Post Office Expense	140 00	
Miscellaneous	444 75	
		3,047 70
TAXES—		
Real Estate	$42 87	
Proceeds of Bullion	461,595 06	
		461,637 93
SURVEYING		1,050 00
LEGAL EXPENSE—		
Barnes and Kinney Suits		70,426 20
Carried forward		$1,639,334 50

Brought forward		$1,639,334 50
TEAM ACCOUNT		780 25
HOISTING		186,461 82
REDUCTION		2,220,007 87
ASSAYING		53,208 19
HALF EXPENSE "C. & C." SHAFT		131,000 00
INTEREST AND EXCHANGE		9,156 01
SAMPLES SHIPPED		9,218 87
SAMPLES ON HAND	$2,337 59	
CASH IN VIRGINIA	1,298 31	3,635 90
		$4,252,803 41

ACTUAL COST OF MINE.

DR.

Supplies Consumed	$357,101 67
Salaries and Wages	788,012 00
Office Expense	3,047 70
Taxes	461,637 93
Surveying	1,050 00
Legal Expense	70,426 20
Team Account	780 25
Hoisting	186,461 82
Reduction	2,220,007 87
Assaying	53,208 19
Interest and Exchange	9,156 01
Half Expense "C. & C." Shaft	131,000 00
	$4,281,889 64

CR.

Sale of Supplies	$143 32
Interest	194 12
General Expense, Cash Returned	120 65
Balance—Actual Cost of Mine	4,281,431 55
	$4,281,889 64

DETAILED STATEMENT OF WAGES PAID.

306	days'	labor at	$250 00	per month.....	$2,500 00
255	"	"	200 00	"	1,600 00
19	"	"	7 00	per day.....	133 00
1,195½	"	"	6 00	"	7,173 00
32	"	"	5 50	"	176 00
7,233½	"	"	5 00	"	36,167 50
940	"	"	4 50	"	4,230 00
178,134	"	"	4 00	"	712,536 00
3,359	"	"	3 50	"	11,756 50
30	"	"	3 00	"	90 00
					$776,362 00

AVERAGE DAILY WAGES $4 05½

BALANCE SHEET.

Consolidated Virginia and California Joint Shaft.

DR.

Cash on hand	$2,718 19
Consolidated Virginia Mining Co., Half Expense	131,000 00
California Mining Company, Half Expense	131,000 00
Consolidated Virginia Mining Company, Hoisting	81,523 52
California Mining Company, Hoisting	20,943 64
Labor and Sale of Supplies	269,083 13
	$636,268 48

CR.

Pay Rolls	$125,278 09
Purchase of Supplies	507,611 36
Balance, Cash on hand	3,379 03
	$636,268 48

ACTUAL COST OF SHAFT.

DR.

Pay Rolls	$125,278 09
Supplies Consumed	547,416 80
	$672,694 89

CR.

Hoisting	$102,467 16
Labor and Sale of Supplies	269,083 13
Balance, Actual Cost of Shaft	301,144 60
	$672,694 89

DETAILED STATEMENT OF WAGES PAID.

350	days' labor at	$250 00	per month.....		$2,875 00
43	" "	6 50	per day.....		279 50
2,475½	" "	6 00	"		14,853 00
42	" "	5 50	"		231 00
5,776¼	" "	5 00	"		28,881 25
535	" "	4 50	"		2,407 50
14,005	" "	4 00	"		56,020 00
5,503¼	" "	3 50	"		19,261 34
156½	" "	3 00	"		469 50
					$125,278 09

AVERAGE DAILY WAGES	$4 33$\frac{8}{10}$
ENTIRE COST OF SHAFT TO DATE	$1,072,520 79

INVENTORY OF PROPERTY

AT VIRGINIA.

C. and C. Shaft, Dec. 1877.

Real Estate	$25,000 00	
Hoisting Works, Pumps and Machinery	320,000 00	
		$345,000 00
SUPPLIES—		
Timber	$7,980 00	
Wood	7,897 50	
Lumber—Hard Wood	437 50	
Coal and Charcoal	528 75	
Candles	350 00	
Oil	112 00	
Powder	926 00	
Fuse	280 80	
Iron, Plate	100 00	
" Round and Square	4,687 50	
Steel	1,105 00	
Gas Pipe	342 00	
T Rail and Fittings	146 62	
Nails and Spikes	371 75	
Picks, Sledges and Handles	187 24	
Shovels	52 80	
Waste	80 00	
Packing and Belting	416 41	
Air Pipe	450 00	
Rope	128 40	
Hose	82 50	
Miscellaneous	2,863 77	
		29,526 54
		$374,526 54

ANNUAL REPORT

OF THE

CALIFORNIA

Mining Company.

SAN FRANCISCO:

BUNKER & HIESTER, PRINTERS, S. F. STOCK BOARD BUILDING.

1879.

ANNUAL REPORT

OF THE

CALIFORNIA

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SAN FRANCISCO:

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1879.

ANNUAL REPORT

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CALIFORNIA

MINING COMPANY.

SAN FRANCISCO:

BUNKER & HIESTER, PRINTERS, S. F. STOCK BOARD BUILDING.

1879.

PRESIDENT'S REPORT.

OFFICE CALIFORNIA MINING COMPANY,
SAN FRANCISCO, January 15th, 1879.

To the Stockholders of the California Mining Co.

GENTLEMEN:—I have the honor to submit for your consideration, the annual report of your Superintendent, giving in detail, the operations of your mine during the past year.

The accompanying statement of your Secretary shows the financial condition of the company.

I am, Very Respectfully,
Your Obedient Servant,
GEO. WALLACE,
President.

SUPERINTENDENT'S REPORT.

VIRGINIA, Nev., January 8th, 1879.

GEO. WALLACE, ESQ.,

President California Mining Company.

DEAR SIR:—The California mine has yielded during the year ending December 31st, 1878, 134,887 $\frac{1778}{2000}$ tons of ore. There remained on hand on the first of January, 1878, in the ore houses and at the mills, 5009 $\frac{160}{2000}$ tons, making a total of 139,896 $\frac{1923}{2000}$ tons. Of this ore 138,785 $\frac{1300}{2000}$ tons have been reduced, leaving on hand in the ore house and at the mills 1111 $\frac{623}{2000}$ tons, valued by assay at $64,385 62. The ore reduced has yielded bullion of the value of $10,949,078 93, or $78 89 per ton; this yield being 72½ per cent. of the assay value of the ore. The

value of the gold in this bullion was $5,553,404 38, and of the silver, $5,395,674 55.

In addition to the ore which was extracted, there have been raised from the mine, in the past year, 22,693 tons of waste rock.

With this statement of the general results of the operations of the past year, I will now submit for your information a detailed account of the work which has been done in the mine, in the various levels, and from which the present condition and the prospects of the mine can be understood.

1500–FOOT LEVEL.

The northwest drift from the main C. and C. drift, on this level, which was being run to intersect cross-cut No. 4, has been completed, and has accomplished the purpose for which it was intended, and all the ore has been extracted that would be profitable to take out.

1550–FOOT LEVEL.

The north drift on this level, on the west side of the ore body, has been extended to and connected with winze No. 4, sunk from the level above, and the ground on the west side of the ore body has been thoroughly prospected and nothing of any value has been found. On the east side of the ore the seam of ore which was lying to the east

of the east clay, and which proved to be a spur from the main vein, has been worked out. There are no reserves of productive ore on this level.

1600–FOOT LEVEL.

This level has produced a large quantity of ore during the year, all of which has been hoisted through the Ophir shaft. It has been thoroughly prospected by means of drifts and crosscuts to the south, east and west. The ore extended to the west clay for the distance of 200 feet, commencing at a point 200 feet south from the Ophir line. South of that point, low grade ore came in which continued to the south line. On the east side the pay ore did not extend to the east clay, and for 400 feet south from the Ophir line the east clay was not exposed. At that point pay ore was found on the east clay and continued to the south line. In working north, towards the Ophir line, from a point 100 feet south of that line the quality of the ore deteriorated, and the productive ore gave out 20 feet from that line. The main drift to the Ophir shaft and the lateral drift east of the stopes have been kept open for the purpose of ventilation, and are now in a state of good repair.

1650–FOOT LEVEL.

This level has also produced a large quantity of

good ore in the past year. It has been thoroughly opened and prospected by the necessary drifts, and winzes and drill holes. The ore body did not show the same extent to the north as was developed on the 1600-foot level. A piece of barren ground, consisting of vein porphyry and poor ore, coming in at a point 100 feet north of winze No. 3, extends north for a distance of 250 feet, at which point low grade ore was found, which continued to the Ophir line. The north lateral drift has been extended to, and connected with the joint Ophir winze on our northern line, but as it passes through ground which is very heavy and crushes badly, it was found best to run a new drift to the west of the ore body, directly from the Consolidated Virginia shaft to the joint Ophir winze. This drift is completed, and an upraise made to the level above, which will enable us to prospect this end of the level to advantage.

1700–FOOT LEVEL.

A very limited amount of work has been done on this level during the past year. A winze has been sunk to the level below, from the east end of the crosscut which was run from the bottom of winze No. 6. No developement of any value has as yet been made. The mass of ore is low grade, carrying small streaks of good ore through it, but not of sufficient value to make it profitable to extract at the present time.

1750-FOOT LEVEL.

The work of opening this level has been carried on by continuing the main north lateral drift to within 80 feet of the Ophir line; also by running west crosscut No. 6 to the west clay, and by running east crosscut No. 6 to a point vertically over the 1840 foot level, and sinking therefrom winze No. 6 to that level, for the purpose of ventilation. West crosscut No. 6 cut good ore at a point 15 feet from the main lateral drift, which explorations upward have shown to be a continuation of the ore which was exposed in the north end of the 1600 and 1700 foot levels, but of a better quality. The sill floor opened in this ore body is about 40 feet long by 20 feet wide; and in working upward the quality of the ore deteriorated as the stopes approached the levels above. Work has been suspended at that point for the present. A winze is being sunk from the sill floor down to the level below; and it shows low grade ore to the depth of 20 feet. It is now in vein matter and clay. At the south end of this level, the ore left under the sill floor of the 1650 foot level has been found to extend down about 40 feet, and is now being extracted. Nothing new of value has been developed on the south end of this level below this point, the ore body being about 110 feet wide, with well defined walls, diminishing rapidly in width as it extends north. The

ore is of a very low grade, with occasional streaks of good quality, not sufficient, however, to give the mass a mining and milling value.

1840–FOOT LEVEL.

On this level (which corresponds to the 1700-foot level of the Ophir mine,) the joint Ophir east crosscut has been extended to a point which is 420 feet east of the main lateral drift, and from this point a large vertical winze has been sunk 200 feet to the Ophir 1900-foot level for ventilation. A small vein or stringer of ore, giving good assays, was passed through in this winze. East crosscut No. 5 has been run to a point 333 feet east from the main lateral drift.

1950–FOOT LEVEL.

This level has been opened by the completion of winze No. 3, sunk from the 1750-foot level, and by running therefrom, a main drift east to the C. and C. joint shaft, a distance of 600 feet. At a point 350 feet west of the C. and C. joint shaft a drift was started from the main east drift spoken of, and has been run north 309 feet, and will be continued north to the Ophir line to connect with the joint winze sunk from the 1840-foot level, and this will be the main lateral drift of this level. An ore seam, 5 feet wide, giving good assays, was cut in this drift and passed across and out of the drift in a

north-easterly direction. The value and extent of this developement will be determined by crosscuts which will be run, and by winzes which will be sunk during the present year.

2150--FOOT LEVEL.

This level is being opened by running a main drift south on the Ophir 2000-foot level, (which corresponds to the California 2150-foot level,) from a joint Ophir winze, which has been sunk from the 1900-foot level of that mine on our north line. This drift is now in 300 feet, and will be continued to connect with the 2150-foot station of the C. and C. joint shaft, a distance of 250 feet, and be the main lateral drift of this level. As soon as this connection is made, crosscuts will be run east and west from this drift, which will thoroughly prospect the level and determine its value.

Consolidated Virginia Shaft.

This shaft which has been used in part for the working of the California mine, was in such a condition on the first of May last that it became necessary to close it, and discontinue all work through it for the purpose of retimbering it and for general repairs. The requisite repairs were found to be more extensive than was anticipated. From this cause, and on account of the extreme heat which followed the unavoidable interference with the

natural ventilation, this work was not completed until October. This shaft is now in excellent condition, and with the exception of about 300 feet below the 1300-foot level, will require no repairs for some years. The 300 feet mentioned being opposite the old ore stopes, will probably crush and crowd toward the stopes and require some attention continually. During the progress of repairs in the shaft, the hoisting works and other machinery on the surface were thoroughly overhauled and put in excellent condition.

Consolidated Virginia and California Shaft.

This shaft, which is usually known as the C. and C. joint shaft, has been sunk from a point 12 feet below the 1850-foot station, to a point which is 44 feet below the 2150-foot station. The 1950-foot station has been excavated, from which the main drift spoken of above was run on that level 600 feet to the vein. At the 2050-foot level, a station set of timbers has been put in place, but the excavation for the station has not yet been made. At the 2150-foot level the station has been excavated and put in proper shape for the developement of that level. As fast as the shaft has been sunk, all the necessary pumps, pump bobs and other machinery for handling the water, and other material have been put in place. The necessary excavations for water tanks have been made, and tanks placed

therein. So that at this date the shaft is completely equipped to its lowest depth. There has been no diminution in the flow of water. A pump speed of 8½ strokes per minute is required to handle it. The material passed through in sinking has been extremely hard porphyry, but the formation will evidently become softer as the shaft in sinking approaches nearer to the vein. As soon as practicable, this shaft will be continued down to the 2350-foot level, and explorations be made from that point.

In connection with this report you will find complete statements, carefully prepared by J. M. Taylor, our chief clerk, which will show the receipts and disbursements of this office for the past fiscal year; also inventories of property on hand, at this date, belonging to this company, and to the joint C. and C. shaft; and other interesting information pertaining to the operations of this company for the year.

You will observe that the cost of extracting ore in the year 1878 was greater than it was in the year 1877. The reasons of this increased expense are as follows:

First—The closing of the Consolidated Virginia shaft for repairs, (it being the main upcast or relieving shaft of this mine) so interfered with the ventilation during our intensely hot summer weather,

that practically, it took double the number of men to extract the same quantity of ore, and to carry on the necessary dead work of the mine. The proposition of closing the ore stopes, and discontinuing the extraction of ore during that time was at one time entertained, but was abandoned, experience having shown that the cost of re-opening the stopes, (even if that could be done) would be greater than the extra expense of extraction.

Second—As the mine increases in depth, in the same proportion, the amount of dead work required to maintain the working drifts and shafts in working order increases. In estimating the cost of extracting the ore, all this expense, as well as that of sinking the C. and C. shaft and that of opening the new lower levels, is included.

Third—The quantity of ore extracted was much less than in the previous year and was so much the less able to bear the increased burden of expense imposed upon it.

Conclusion.

The lateral drifts, crosscuts and winzes, which have been run in and through the different levels of the mine, and which have been particularly described above, secure a general good ventilation, and form a complete base from which we can now continue the extraction of ore from the productive levels, and carry on the work of developing the

new lower levels. Leaving the two upper levels (the 1500 and 1550-foot levels) out of consideration, there still remains in sight, in the other productive levels, blocks of good ore, and it is not unreasonable to suppose that the low grade ore, which exists there, may improve on further exploration; and portions of these levels remain entirely unexplored, and are yet to be prospected. It must be recollected that the three lower levels, particularly the 1950 and 2150-foot levels, have only begun to be opened, and that there is here a large extent of ground to be prospected. So far as we have advanced into these levels, the formation appears favorable, and already a seam of ore, yielding fine assays, has been reached in the main drift on the 1950-foot level. This seam has been followed for more than 100 feet, and it lies fully 60 feet east of the main ore vein. We are encouraged to hope for renewed prosperity to the mine, not only from the indications visible in itself, but also from the important fact that ore developements have been made in the Comstock vein, considerably deeper than our present workings; notably in the case of the Sierra Nevada mine, where the top of the late ore developement is 200 feet deeper than our 2150-foot, or lowest level.

Yours respectfully,

W. H. PATTON,

Superintendent.

Secretary's Report.

Office California Mining Co.
San Francisco, January 15th, 1879.

Geo. Wallace, Esq.,

President California Mining Company.

Dear Sir:—Herewith I submit my annual report of receipts and disbursements for the fiscal year ending January 15th, 1879.

Yours respectfully,

C. P. GORDON,

Secretary.

ANNUAL STATEMENT

[illegible] Mining Company, [illegible]

RECEIPTS.

Cash on hand at Virginia, last Annual Statement	$ [illegible]
Cash on hand at San Francisco, last Annual Statement	700
Cash at Nevada Bank, last Annual Statement	[illegible]
Shipments on hand at Virginia, last Annual Statement	[illegible]
Shipments on hand at San Francisco, last Annual Statement	[illegible]
Gross product of mine since last Annual Statement	[illegible]
Ore sales	[illegible]
Nevada Bank, interest over draft	[illegible]
	$ [illegible]

ANNUAL STATEMENT.

California Mining Company, January 15th, 1879.

DISBURSEMENTS.

Dividends, No. 22 to 29, inclusive	$7,020,000 00
Reduction of ore	1,270,128 50
Salaries and wages	674,119 60
Discount on bullion	564,372 89
Supplies in Virginia	340,240 45
Taxes	255,431 12
Hoisting	126,659 58
Refining	103,222 38
C. and C. shaft	89,500 00
Interest and exchange	62,164 19
Assaying	25,619 52
Legal expense	23,834 77
Bullion freight	36,625 41
Ore purchase	8,653 48
San Francisco office expense	3,932 44
Virginia office expense	1,229 92
Books and stationery	1,647 35
Advertising and printing	559 75
Team account, (hauling in Virginia)	571 50
Bullion on hand	633,546 70
Cash on hand, Virginia	3,445 15
Cash on hand, San Francisco	663 10
Samples on hand, Virginia	312 93
Samples on hand, San Francisco	58 92
	$11,246,539 65

CHIEF CLERK'S REPORT.

C. P. GORDON, ESQ.

Secretary California Mining Company:

DEAR SIR:—I herewith submit California Annual Statement, Actual Cost of Mine and Bullion Statement for 1878.

Yours Respectfully,

J. M. TAYLOR,

Chief Clerk.

VIRGINIA CITY, NEV., January 5, 1879.

BULLION STATEMENT.

California Mining Company, 1878.

		Tons.	Lbs.
Dec., 1877.	Ore on hand	5,009	150
	Ore extracted	134,887	1773
		139,896	1923
	Ore reduced	138,785	1800
Dec., 1878.	Ore remaining on hand	1,111	623

Total cost per ton $19 53 5-10

BULLION YIELD FOR YEAR.

Gold	$5,553,404 38	
Silver	5,395,674 55	
Total		$10,949,078 93

Ounces of fine silver	4,175,585 40-100
Average value per oz. doré	$2 45
Average ore value per ton	78 89
Weight	153 tons, 871 lbs

TOTAL PRODUCTION TO DATE.

Gold	$21,429,289 80	
Silver	21,845,480 80	
Total		$43,274,770 60

Ounces of fine silver	16,900,770 70-100
Weight	618 tons, 524 lbs

Bars, 10,312.



CALIFORNIA MINING COMPANY.

ANNUAL STATEMENT

From December 31, 1877, to December 31, 1878

DR.		
Cash on hand, December 31st, 1877	$1,298 31	
Samples on hand	2,337 59	
		$3,635 90
Drafts from Secretary		2,795,178 63
Receipts for labor		6,993 65
Powder		592 95
Supplies		153 45
Samples produced		5,883 01
		$2,812,437 59

CR.

Salaries	$9,830 00	
Pay rolls	660,483 25	
		$670,313 25
SUPPLIES—		
Wood	32,120 00	
Timber	155,365 87	
Ice	31,550 08	
Powder	16,144 75	
Labor	32,150 87	
Miscellaneous supplies	73,655 28	
		340,986 85
Office expense		1,229 92
Team account		571 50
Legal expense		5,581 55
Taxes, real estate	33 00	
Mine proceeds	254,714 92	
		254,747 92
Hoisting		126,659 58
Reducing		1,270,128 50
Assaying		25,619 52
Ore purchase		8,653 48
One-half expense C. and C. shaft		89,500 00
Exchange and interest		6,779 77
Samples shipped		7,907 67
Samples on hand	312 93	
Cash on hand	3,445 15	
		3,758 08
		$2,812,437 59

ACTUAL COST OF MINE

1878.

Supplies consumed	$340,986 85	
Salaries and wages	670,313 25	
Office expense	1,229 92	
Team account	571 50	
Legal expense	5,581 55	
Taxes	254 747 92	
Ore purchase	8,653 48	
Hoisting	126,659 58	
Reducing	1,270,128 50	
Assaying	25,619 52	
Exchange and interest	6,779 77	
		$2,711,271 84
Average cost per ton		19 53 5-10
One-half expense C. and C. Shaft		$89,500 00
Average daily wages		$4 17¾

CON. VIRGINIA AND CALIFORNIA

JOINT SHAFT.

DR.		
To cash on hand, December 31st, 1877		$3,379 03
" Con. Virginia Mining Company, supplies		154,173 53
" hoisting		89,588 24
" one-half expense		89,500 00
" California Mining Company, supplies		147,320 60
" hoisting		38,754 80
" one-half expense		89,500 00
" general sale of supplies		74,750 03
" labor receipts		3,665 15
		$710,631 38
CR.		
By pay rolls		$128,179 75
" purchases of wood		135,745 51
" timber		155,297 68
" miscellaneous supplies		285,371 24
" balance, December 31st, 1878		6,037 20
		$710,631 38

ACTUAL COST OF SHAFT.

DR.		
To pay rolls	$128,179 75	
" purchase of supplies	576,414 43	
" supplies on hand, December 31st, 1877	29,526 54	
		$734,120 72
CR.		
By hoisting	148,343 04	
" sale of supplies	379,909 31	
" supplies on hand, December 31st, 1878	29,640 00	
		557,892 35
BALANCE, ACTUAL COST		$176,228 37
ENTIRE COST OF SHAFT TO DATE		$1,254,962 80
AVERAGE DAILY WAGES		$4 34½

INVENTORY OF PROPERTY

AT VIRGINIA.

Real estate	$20,000 00	
Hoisting works	335,000 00	
		$355,000 00
SUPPLIES—		
Wood	6,300 00	
Lumber	13,600 00	
Coal	300 00	
Sheet iron	2,400 00	
Bar iron	1,500 00	
Steel	900 00	
Candles	925 00	
Oil	325 00	
Gas pipe	140 00	
Miscellaneous	3,250 00	
		29,640 00
		$384,640 00

ANNUAL REPORT

OF THE

CALIFORNIA

MINING COMPANY.

1880.

ANNUAL REPORT

OF THE

CALIFORNIA

MINING COMPANY.

SAN FRANCISCO:
WOMEN'S CO-OPERATIVE PRINTING OFFICE, 424 MONTGOMERY STREET.
1880.

List of Officers.

PRESIDENT.

GEORGE WALLACE.

VICE-PRESIDENT.

R. H. FOLLIS.

SECRETARY.

C. P. GORDON.

SUPERINTENDENT.

WILLIAM H. PATTON.

ATTORNEY.

S. HEYDENFELDT.

DIRECTORS.

CORNELIUS O'CONNOR, R. H. FOLLIS,

GEORGE WALLACE, S. HEYDENFELDT,

THOMAS H. WILLIAMS.

President's Report.

SAN FRANCISCO, January 21st, 1880.

To the Stockholders of the
"California Mining Company."

During the year 1879, five dividends have been paid, amounting to $1,620.000, or $3 00 per share.

The gross product of the mine has been — from April 14, 1876, to close of fiscal year :

Gold	$22,760,528 17
Silver	23,086,259 84
Or, a total production of	$45,846,788 01

Thirty-four dividends have been paid, amounting to $31,320,000, or $58 per share.

Herewith you will find detailed statements of bullion produced and dividends paid :

BULLION PRODUCTION.

Year.	Gold.	Silver.	Total.
1876...	$6,490,380 64	$6,910,460 76	$13,400,841 40
1877...	9,384,050 66	9,535,844 32	18,919,894 98
1878...	5,552,585 48	5,396,493 45	10,949,078 93
1879...	1,333,511 39	1,243,461 31	2,576,972 70
Total.	$22,760,528 17	$23,086,259 84	$45,846,788 01

DIVIDENDS PAID.

Year.	Months.	No.	Per Share.	Amount.
1876.....	May to Dec. inclusive..	8	$2	$ 8,640,000
1877.....	Jan. to Jan. " ..	13	2	14,040,000
1878.....	Feb. to June. " ..	5	2	7,020,000
"	July, Aug. and Dec. ..	3	1	
1879.....	January, ..	1	1	1,620,000
"	May, June, Aug. and Dec ..	4	50cts.	
	Total.....	34	...	$31,320,000

26 Dividends, of $2 per share.... $52 per share.
4 " " 1 " .... 4 "
4 " " 50 cts. " .... 2 "
34 Total per share.... $58

The accompanying statements and reports of the Secretary and Superintendent show the financial condition and operations of the Company.

I am, very respectfully,

Your obedient servant,

GEO. WALLACE,

President.

Superintendent's Report.

GEORGE WALLACE,

President California Mining Company.

DEAR SIR:

The California Mine has yielded during the year ending December 31st, 1879, 64,152 $\frac{6}{2000}$ tons of ore. There remained on hand in the ore houses and at the mills, at the date of my last annual report, 1,111 $\frac{623}{2000}$ tons, making a total of 66,145 $\frac{1600}{2000}$ tons. Of this ore, 64,044 $\frac{1000}{2000}$ tons have been reduced, yielding bullion of the value of $2,577,495 17, or $40 24 per ton — this yield being 74$\frac{3}{8}$ per cent. of the assay value of the ore; no allowance being made for moisture. We have now on hand, in the ore houses and at the mill, 905 $\frac{1000}{2000}$ tons of ore, valued by assay at $33,619 40. The value of the gold contained in the bullion was $1,333,762 66, and of the silver, $1,243,732 51. The above amount includes 882 tons purchased of the Consolidated Virginia Mining Company, and 1,195 $\frac{1600}{2000}$ tons sold to that Company. These lots of ore were extracted from those portions of the mine which were inaccessible from the C. & C. shaft, through which, at that time, our ore was being raised.

In addition to the ore extracted, there has been raised from the mine during the past year, 9,480 tons of waste rock. With this general statement of results, I will now proceed to review the operations of the mine in detail, describing the work done on the different levels of the mine, and showing progress made in the deeper explorations:

850-FOOT LEVEL.

A west drift was started on this level from the Consolidated Virginia shaft, jointly with the Consolidated Virginia Company, on the seventh day of April last, for the purpose of exploring the ground lying west of that shaft, and connecting with the old workings on the 500-foot level above. This drift passed through a hard blasting porphyry for a distance of 225 feet, when a softer formation was encountered, carrying some water; at a point 408 feet from the shaft, vein porphyry, containing some quartz, was found, which continued to a point 470 feet from the shaft, when hard rock was again encountered, which continued for a distance of 110 feet, at which point a change took place in the character of the ground — soft-vein porphyry, with clay and quartz streaks, making their appearance and continuing to a point 680 feet west of shaft, when the west wall of the vein was exposed, and work discontinued. At a point 153 feet back from the face of the west drift, a north drift was started in August last. This drift was run a distance of 172 feet through a promising looking vein matter, showing considerable water, and work was discontinued temporarily to allow the water to drain away. Work will be resumed at an early day on this level.

1650-FOOT LEVEL.

This level has yielded 3,157 $\frac{1800}{2000}$ tons of fair grade ore during the past year; and, having been thoroughly prospected during the previous year, the only work done in addition to the extraction of the ore, has been to maintain the different drifts and winze connections in the conditions necessary to insure good ventilation, and to enable us to prosecute our work to advantage.

There yet remains some low grade ore in the north end of this level adjoining the Ophir ground, which will be extracted during the coming year.

1750-FOOT LEVEL.

This level has produced 46,867 tons of ore during the past year; extensive explorations have been carried on by means of drifts and winzes; but nothing of value has been developed. The main north lateral drift, which, at the date of my last annual report, was within 80 feet of our northern boundary, has been extended to that point and connected with the drift run by the Ophir Company south from their main incline. This drift gives us excellent ventilation. An upraise is being made from the end of Cross-cut No. 3, to the 1650-foot level, above which, when completed, will be a permanent air-way and connection between these levels. A drain-pipe, of sufficient capacity to carry all the water pumped from the C. & C., Ophir and Union shafts, has been laid through our ground, south through the intervening mines, to the Savage connection with the Sutro Tunnel, and north to the Ophir incline. This pipe is now in successful operation, and will be used until the north lateral drift of the Sutro Tunnel is completed to those points. Some low grade ore is still in place in this level at the extreme northern end, which will be extracted during the coming year.

1840-FOOT LEVEL.

This level has yielded 3,929 $\frac{1800}{2000}$ tons of ore of fair grade during the year. This has all been extracted from below the sill-floor of the 1750 level at the northern end of the mine, and was found to extend to a point 50 feet below that level. A west cross-cut was run jointly with the Consolidated Virginia Company, on our southern boundary from the main south drift, to a distance of 77 feet, but nothing of value was discovered. No other work has been done, except to keep the various drifts and winze connections in repair.

1950-FOOT LEVEL.

This level has yielded 9,635 $\frac{777}{2000}$ tons of fair grade ore during the year, all of it having been extracted from the five-foot seam cut by the main east drift run from the bottom of winze No. 3, to the C. & C. shaft, during the previous year. This winze has been working jointly with the Consolidated Virginia Company from the main east drift, at a point 260 feet west of the C. & C. shaft, down to the 2150 level. This winze being extended for a permanent air-way, was sunk through the hard blasting ground lying to the east of the ore-vein, to avoid heavy ground, and to save repairs. There are no known reserves of ore on this level.

2150-FOOT LEVEL.

This level has yielded 1,462 $\frac{600}{2000}$ tons of fair grade ore during the year. The main north lateral drift, that at the date of my last annual report was being run south from the joint Ophir winze sunk on our northern boundary, reached the C. & C. shaft in February last. This drift cut an ore-seam four feet in width, having a northeast and southwest course at a point 298 feet north of C. & C. shaft, from which all the ore extracted from this level has come, and some ore yet remains in place. The cross-cuts and drill-holes run to the east and west, have developed nothing more of value. The west drift being run jointly with the Consolidated Virginia Company, and which, at the date of my last annual report, was in 73 feet from the C. & C. shaft, has been extended to a point 426 feet west of that shaft, where it encountered the west wall of the vein, and was discontinued. At a point 260 feet west of the C. & C. shaft, a drift was run jointly with the Consolidated Virginia Company, and connected with the joint winze sunk from the 1950-foot level, which connection gives us good ventilation at that point.

2250-FOOT LEVEL.

This level is being opened by running a main north lateral drift from the C. & C. shaft. This drift is now in 192 feet, and has cut into a favorable looking vein-formation, carrying some quartz giving low assays, which may be the vein encountered on the level above. An upraise will be made as soon as possible to ascertain that fact. This drift will be continued to our northern boundary, and the necessary cross-cuts and upraises made to thoroughly explore this portion of our mine.

2350-FOOT LEVEL.

No work has been done on this level during the past year, with the exception of opening out the station at the shaft. We shall, within one week, start the main north lateral drift of this level, from which, by a system of cross-cuts and winzes, the ground will be thoroughly explored.

2450-FOOT LEVEL.

A drift has been started on this level, south from our northern boundary (from the main south drift, run by the Ophir Company from their incline to our north line), and will be continued to a connection with the C. & C. shaft, which will be sunk to that level as soon as possible. In addition to the heavy amount of work performed on the various levels as above described, and in the Consolidated Virginia and C. & C. shafts, we have also done an immense amount of work by running drifts east and west from the old ore-stopes between the different levels in search of ore. In these cases the waste rock extracted was filled into the old stopes, thereby saving the cost of handling and hoisting.

Consolidated Virginia Shaft.

This shaft is in good condition, and with the exception of the portion below the 1400 level lying to the west of the old stopes, has required no repairs during the year. Although no work is carried on through this shaft, with the exception of that on the 850 level, it will be necessary to keep it in repair for the purposes of ventilation.

Consolidated Virginia and California Joint Shaft,

KNOWN AS THE C. AND C. SHAFT.

This shaft has been sunk from a point 44 feet below the 2150 station to a point 40 feet below the 2350 station. Stations have been excavated at the 2250 and 2350 levels, preparatory to the development of these levels. A tank station has been excavated at the 2350 level, and tank placed in position for the use of the main plunger pumps at that point. We have jointly with the Ophir and Union Shaft Companies laid a line of water-pipes from the Ophir incline south through the intervening mines to the Savage connection with the Sutro Tunnel. This pipe is of sufficient capacity to carry all the water pumped from our own and the other shafts, and will form the outlet for that water until the north branch of the Sutro Tunnel is completed. Water was turned in on the 18th of July last, and since that time no water has been pumped to the surface. During the months of August and September we rearranged our pump system by running the pumps above the Sutro Tunnel connection and placing a double line of pumps below that point, thereby doubling our pumping capacity. We also put in additional balance bobs and new rods when required. This work has been done at a heavy expense, but our pumping machinery is now in excellent condition. We shall soon resume work in the bottom of the shaft, and continue it down to the 2550 level for the purpose of carrying on explorations in depth.

In connection with the report, you will find full and complete statements which have been carefully compiled by our chief clerk, J. M. Taylor, showing the receipts and disbursements of this office for the last fiscal year; also inventories of the property on hand at this date belonging to this company and the C. and C. Joint Shaft; also quantities and cost of materials and mine supplies purchased, sold and consumed, and other statistics which may be of interest to yourself and others.

Yours Respectfully,

WILLIAM H. PATTON,
Superintendent.

Secretary's Report.

SAN FRANCISCO, January 21st, 1880.

GEO. WALLACE, ESQ.,

President California Mining Company:

DEAR SIR: Herewith I submit my annual report of receipts and disbursements for the fiscal year ending January 21st, 1880. This report does not include bullion received on January account.

Yours respectfully,

C. P. GORDON,

Secretary.

Secretary's Report of Receipts and Disbursements for fiscal year ending January 21st, 1880.

RECEIPTS.

Bullion on hand last annual statement	$ 633,546 70
Cash on hand in Virginia, last annual statement	3,445 15
Cash on hand in San Francisco, last annual statement	663 10
Samples on hand in Virginia, last annual statement	312 93
Samples on hand in San Francisco, last annual statement	58 92
Gross product for 1879	2,576,713 57
Present overdraft, Nevada Bank	28,666 41
	$3,243,406 78

DISBURSEMENTS.

Overdraft Nevada Bank, last annual statement, since paid	$ 20,383 79
Dividends, Nos. 30–34 inclusive	1,620,000 00
Reduction of Ore	576,400 50
Discount on Bullion	273,308 51
Salaries and Wages	255,534 50
C. & C. Shaft	100,000 00
Taxes	75,006 41
Supplies	87,429 15
Hoisting	65,884 80
Refining	27,905 81
Legal Expenses	22,059 08
Assaying	11,935 59
Sutro Tunnel (Royalty)	10,237 00
Latrobe Tunnel	10,000 00
Bullion Freight	7,597 96
Interest and Exchange	6,918 31
Ore purchase	7,160 65
Pumping Expenses	6,495 00
Water Expenses	2,875 00
San Francisco Office Expenses	3,199 25
Virginia Office Expenses	842 50
Team Account in Virginia	644 00
Books and Stationery	878 00
Advertising and Printing	467 10
Cash on hand in Virginia	906 76
Cash on hand in San Francisco	426 40
Samples on hand in San Francisco	56 58
Samples on hand in Virginia	242 56
Bullion on hand	48,611 57
	$3,243,406 78

Chief Clerk's Report.

C. P. GORDON, ESQ.

Secretary California Mining Company:

MY DEAR SIR: Herewith I enclose annual statement showing disbursements at the mine and the C. & C. shaft; also ore and bullion statements.

Yours respectfully,

J. MINOR TAYLOR,

Accountant.

ORE BULLION STATEMENT.

California Mining Company,

1879.

		Tons.	Lbs.
Dec. 31, 1878.	Ore on hand	1,111	623
	Bought of Consolidated Virginia Company.	882	
	Ore extracted	64,152	977
		66,145	1600
	Ore reduced	64,044	1000
	Sold Consolidated Virginia Mining Company	1,195	1600
Jan. 1, 1880.	Ore on hand	905	1000
		66,145	1600

Total cost per ton $17 07

BULLION YIELD FOR THE YEAR.

Gold	$1,333,762 66	
Silver	1,243,732 51	
Total		$2,577,495 17

Ounces fine silver	961,118 70
Average value per ounce	$2 47
Weight of Bullion	35 tons 1,489 lbs.
No. of Bars, 10,859.	

TOTAL PRODUCTION TO DATE.

Gold	$22,762,553 09	
Silver	23,089,712 68	
Total		$45,852,265 77

VIRGINIA CITY, Nev., January 1st, 1880.

CALIFORNIA MINING COMPANY.

ANNUAL STATEMENT

From December 31, 1878, to December 31, 1879.

1878.			
Dec. 31	Cash on hand	$3,445 15	
"	Samples on hand	312 93	
			$3,758 08
1879.			
Dec. 31	Cash refunded, account labor and wages		980 55
	Sutro Tunnel royalty returned		1,921 50
	Drafts from Secretary		1,193,020 86
	Samples produced		1,422 50
			$1,201,103 49

1879.			
Dec. 31	By Salaries	$6,500 00	
"	Wages	240,711 75	
			$247,211,75
	PURCHASE OF SUPPLIES.		
	Timber	38,701 31	
	Wood	17,106 50	
	Ice	4,477 05	
	Powder, Caps and Fuse	12,000 81	
	Miscellaneous, Iron, Ore Cars, Tee Rail, etc.	5,788 53	
	Diamond Fittings	164 80	
	Air and Gas Pipe	665 22	
	Miscellaneous	2,692 19	
	Candles	5,846 04	
			$87,432 45
	Water Rent		2,875 00
	Office Expense		842 50
	Team Account		644 00
	Legal Expense		9,418 80
	Taxes—Real Estate	$35 69	
	" Mine Proceeds	74,362 24	
			74,397 93
	Hoisting		65,884 80
	Reduction		576,400 50
	Assaying		11,935 59
	One-half Expense, C. & C. Joint Shaft		100,000 00
	Sutro Tunnel—Royalty on ore		12,158 50
	Pumping Expense		6,495 00
	Interest and Exchange		2,764 48
	Samples shipped		1,492 87
	" on hand		242 56
	Cash		906 76
			$1,201,103 49

ACTUAL COST OF MINE.

Salaries and Wages	$ 247,211 75
Purchase of Supplies	87,432 45
Water Rent	2,875 00
Office Expense	842 50
Team Account	644 00
Legal Expense	9,418 80
Taxes	74,397 93
Pumping	6,495 00
Hoisting	65,884 80
Reduction	576,400 50
Assaying	11,935 59
Sutro Tunnel	12,158 50
Interest and Exchange	2,764 48
	$1,098,461 30

By Cash returned, account labor, wages, etc	$ 980 55
Sutro Tunnel	1,921 50
Balance being Actual Cost of Mine	1,095,559 25
	$1,098,461 30
Actual cost per ton	$17 07
One-half Expense C. and C. Joint Shaft	$100,000 00
Entire cost of Shaft to date	$1,454,962 80
Average Daily Wages	$4 11

CONSOLIDATED VIRGINIA

AND

CALIFORNIA JOINT SHAFT.

ANNUAL STATEMENT.

CON. VIRGINIA AND CALIFORNIA JOINT SHAFT.

ANNUAL STATEMENT

From December 31, 1878, to December 31, 1879.

Dec. 31, 1878. To Cash on hand		$ 6,037 20
SUPPLIES, ETC., TO THE CON. VIRGINIA MINING CO.		
Dec. 31, 1879. Timber	$31,168 05	
Ice	4,449 45	
Powder	9,252 00	
Caps and Fuse	1,353 43	
Candles	6,043 92	
Miscellaneous Iron	722 89	
Miscellaneous Articles	1,368 06	
Labor	78 00	
		$54,435 80
Hoisting		49,348 80
Half Expenses		100,000 00
SUPPLIES, ETC., TO THE CAL. MINING CO.		
Dec. 31. Timber	$38,518 09	
Ice	4,377 05	
Powder	9,806 00	
Caps and Fuse	1,389 51	
Candles	5,774 54	
Miscellaneous Iron	772 46	
Miscellaneous Articles	1,173 90	
		$ 61,811 55
Hoisting		65,884 80
Half Expenses		100,000 00
GENERAL SUPPLIES TO OTHER COMPANIES.		
Dec. 31. Timber	$ 656 40	
Miscellaneous Iron	11,104 45	
Miscellaneous Articles	2,943 58	
Labor	4,777 85	
		19,482 28
V. & T. R. R. Rebates		46 23
Compressed Air and Pumping		8,742 50
Joint Pipe Account		16,295 81
		$482,084 97

By Purchase of Supplies.

Dec. 31, 1879. Timber	$ 78,298 95	
Wood	137,799 12	
Miscellaneous Iron	31,206 12	
Miscellaneous Merchandise	24,067 24	
Candles	13,016 63	
Powder	19,595 00	
Caps and Fuse	2,759 65	
Ice	9,024 50	
		315,767 21
Salaries	2,025 00	
Wages	113,845 75	
		115,870 75
Freight and Cartage		5,187 41
Surveying		1,800 00
Water Rent		7,200 00
Taxes, Real Estate		4,115 40
Joint Pipe Account		22,314 09
Interest and Exchange		424 11
Balance of Cash on Hand		9,406 00
		$482,084 97

INVENTORY AT C. & C. SHAFT.

Real Estate	$ 20,000 00	
Hoisting Works and Machinery	350,000 00	
354 Cords of Wood	3,540 00	
403,000 Feet of Timber	6,851 00	
Stone Coal	540 00	
Steel	758 00	
Sheet Iron	1,980 00	
Bar Iron	2,800 00	
300 Boxes of Candles	1,800 00	
265 Gallons of Oils	198 75	
Charcoal	287 00	
Gas Pipe, 700 feet, assorted	105 00	
Miscellaneous Supplies	7,500 00	
		$396,359 75

Annual Report

OF THE

California

Mining Company.

1882.



ANNUAL REPORT

OF THE

CALIFORNIA

MINING COMPANY.

SAN FRANCISCO:
DAILY STOCK EXCHANGE PUBLISHING COMPANY,
306 Montgomery Street.
1882.

55

OFFICERS.

PRESIDENT,

R. H. FOLLIS.

VICE PRESIDENT,

CHAS. H. FISH.

SECRETARY,

C. P. GORDON.

SUPERINTENDENT,

WILLIAM H. PATTON.

ATTORNEY,

S. HEYDENFELDT.

DIRECTORS,

CORNELIUS O'CONNOR, R. H. FOLLIS,
CHAS. H. FISH, S. HEYDENFELDT,
THOMAS H. WILLIAMS.

PRESIDENT'S REPORT.

SAN FRANCISCO, January 18, 1882.

To the Stockholders of the
California Mining Company:

The gross product of the mine for the fiscal year just closed has been:

Gold	$82,146 10
Silver	39,961 16
Total	$122,107,26

On June 30th an assessment (the first ever called for by this Company) of thirty cents per share was levied.

Herewith you will find detailed statement of the total gross product of the mine and of all dividends paid.

Year.	Gold.	Silver.	Total.
1876	$6,490,380 64	$6,910,460 76	$13,400,841 40
1877	9,384,050 66	9,535,844 32	18,919,894 98
1878	5,552,585 48	5,396,493 45	10,949,078 93
1879	1,333,511 39	1,243,461 31	2,576,972 70
1880	547,484 52	342,558 91	890,043 43
1881	82,146 10	39,961 16	122,107 26
Total	$23,390,158 79	$23,468,779 91	$46,858,938 70

DIVIDENDS PAID.

Year.	Months.	No. Per Share.	Amount.
1876,	May to December, inclusive	8 of $2	$8,640,000
1877,	January to January "	13 of 2	14,040,000
1878,	February to June "	5 of 2	7,020,000
1878,	July, August and December	3 of 1	
1879,	January	1 of 1	1,620,000
1879,	May, June, August and December	4 of 50c	
	Total		$31,320,000

Your attention is respectfully called to the reports of the Superintendent and Secretary, herewith submitted.

Yours respectfully,

R. H. FOLLIS,
President.

SUPERINTENDENT'S REPORT.

VIRGINIA, NEVADA, January 15, 1882.

R. H. FOLLIS, ESQ.,
President California Mining Co.

DEAR SIR:

During the past year, ending December 31, 1881, there have been extracted from the mine 6,175 $\frac{280}{2000}$ tons of ore, which has all been reduced at the mills, yielding bullion to the value of $122,107.26, or $19.77 per ton; this yield being over 79 per cent. of the assay value of the ore, no allowance being made for moisture. The value of the gold contained in the bullion was $82,146.10, and of the silver, $39,961.16. In addition to the ore extracted, there have been raised from the mine 14,299 $\frac{1720}{2000}$ tons of waste rock.

With this statement of general results, I will now present for your consideration a review in detail of the work performed in the mine during the past year.

In May last the presence of gas in the old stopes, from which we were extracting some low grade ore, made it necessary to close up all communication between them and the C. & C. shaft, and to close up the Con. Virginia shaft, which was at that time a strong upcast, with the view of smothering any fire that might exist, and preventing the gas interfering with the progress of working other portions of the mine. The closing of the Con. Virginia shaft made it necessary to change the Ophir shaft from a downcast to an upcast, which condition was maintained until September,

when we were enabled to re-open the Con. Virginia shaft and turn the Ophir shaft a downcast again, taking precautions to prevent any fire that might remain in the old stopes from spreading, and confining the gas arising therefrom to that part of the mine. The work of bulkheading the drifts connecting the old stopes with the Gould & Curry on the south, Ophir on the north, and C. & C. shaft on the east, and the changing of our air-current and system of ventilation, seriously interfered with the progress of work in the mine during the four months it was in progress. In November we, jointly with the Ophir and Mexican companies, erected a large suction or exhausting fan over the Con. Virginia shaft, which, by at least doubling the upcast capacity of that shaft, very much improves the ventilation of our lower levels through the various drifts and winzes connecting with it. The

1650 AND 1750-FOOT LEVELS

Have yielded 5,487 $\frac{1000}{2000}$ tons of low grade ore during the past year, the extraction of which was interrupted by the necessity of closing up the stopes as described above. Some low grade ore yet remains in place, which may be extracted at some future time. The

2100-FOOT LEVEL

Has produced 687 $\frac{1200}{2000}$ tons of low grade ore during the year, it being the ore remaining in the small vein cut by the main north drift on the 2000-foot level.

2300-FOOT LEVEL.

The joint Con. Virginia east crosscut, which at date of my last annual report was in 180 feet from the C. & C. shaft, has been extended 245 feet to a point 425 feet from that shaft.

The joint Ophir east crosscut on the north line, which at date of my last annual report had reached a point 234 feet

from our main north drift, has been extended 39 feet, and a winze sunk from that point.

This winze was connected with an upraise from the 2500-foot level in February last, forming a valuable air connection.

2500-FOOT LEVEL.

The main south drift from the Ophir incline, which at date of my last annual report had passed into our ground a distance of 380 feet, reached our southern boundary in February last, at which time a west drift was started jointly with the Con. Virginia Company. At about the same time a joint drift was started eastwardly from the 2500-foot station of the C. & C. shaft.

These drifts were connected in May last, completing a large, continuous air gallery between the C. & C. and Union shafts, forming a base of departure for our future explorations in depth.

The joint Con. Virginia drift has been extended to a point 140 feet east of the main lateral drift. At the intersection of these drifts a large three-compartment winze has been started jointly with the Con. Virginia Company. This winze is now down to a depth of 142 feet below this level. It is well equipped with double cages and a hoisting engine of sufficient capacity to sink 500 feet. The joint Ophir upraise, which at date of my last report was up a distance of 56 feet, was connected with the winze down from the 2300 in February last. In January last an east crosscut was started jointly with the Ophir Company, run out a distance of 447 feet, a chamber excavated and a joint winze started.

2700-FOOT LEVEL.

This level was reached by the joint Ophir winze in August last, and after excavating a sump and station, a joint Ophir east crosscut was started, and is now out a distance of 291 feet.

C. AND C. SHAFT.

This shaft, which at date of my last annual report had attained a depth of 194 feet below the 2300-foot level, has been sunk to a point 33 feet below the 2500-foot level, and a large sump drift run out a distance of 50 feet from the bottom. Stationary double-plunger pumps have been put in at the 2400 and 2500-foot levels, with the necessary balance bobs and tanks to complete the main pumping system to that level.

CONCLUSION.

Our work during the past year has been mostly of a preparatory nature, and notwithstanding the serious interruptions to our work from causes hereinbefore stated, and a heavy extra expense thereby involved, our expenses have been much lighter than for the previous year. A large amount of necessary dead work has been done, and we are now in better condition to prosecute our explorations in depth than at any previous time.

Accompanying this report you will find full and complete statements by our chief clerk, J. M. Taylor, showing my receipts and disbursements for the last fiscal year; also, inventories of property on hand at this date belonging to this company and the C. & C. joint shaft, and the qualities and cost of material and mine supplies purchased, sold and consumed during the year.

Very respectfully, your obedient servant,

W. H. PATTON,

Superintendent.

SECRETARY'S REPORT.

SAN FRANCISCO, January 18, 1882.

R. H. FOLLIS, ESQ.,

President California Mining Company.

DEAR SIR: Herewith I submit my annual report of receipts and disbursements for the fiscal year ending January 18, 1882.

Yours respectfully,

C. P. GORDON,

Secretary.

Secretary's Report of Receipts and Disbursements for the fiscal year ending January 18th, 1882.

RECEIPTS.

Bullion on hand at date of last annual meeting	$34,359 03
Cash on hand at Virginia City at last annual statement	278 37
Cash on hand at San Francisco at last annual statement	625 05
Samples on hand at Virginia City at last annual statement	12 18
Samples on hand at San Francisco at last annual statement	53 73
Gross product of mine during 1881	122,182 32
Assessment No. 1	162,000 00
Present overdraft at Bank of Nevada	74,630 25
Total	$394,140 93

DISBURSEMENTS.

Overdraft at Bank of Nevada at last annual statement (since paid)	$9,804 50
Salaries and wages	96,442 06
Reduction of ore	55,580 76
Supplies	30,381 47
Hoisting	16,006 63
Compressed air	6,097 50
Sutro tunnel (royalty)	3,058 30
Suction fan	3,706 11
Assaying	745 58
Team account	148 75
Taxes	2,856 14
Pumping expense	755 00
Bullion freight	465 20
Virginia office expense	1,330 08
C. & C. joint shaft	126,200 00
Real estate purchased in Virginia City	1,325 00
Interest and exchange	6,027 02
Legal expenses	11,923 80
Advertising	4,657 25
Discount on bullion	10,104 91
Refining charges on bullion	997 74
San Francisco office expenses	3,757 95
Books and stationery	580 20
Cash on hand at Virginia City	542 70
Cash on hand at San Francisco	631 92
Samples on hand at Virginia City	8 69
Samples on hand at San Francisco	5 67
Total	$394,140 93

C. P. GORDON,
Secretary.

CHIEF CLERK'S REPORT.

C. P. GORDON, ESQ.,

Secretary California Mining Company:

MY DEAR SIR: Herewith I enclose Annual Statement showing disbursements at the mine and the C. & C. shaft; also ore and bullion statements.

Yours respectfully,

J. MINOR TAYLOR,

Accountant.

BULLION STATEMENT.

California Mining Co.

		Tons.
December 31, 1880.	Ore extracted in 1881	6,175 $\frac{200}{2000}$
	Ore crushed	6,175 $\frac{200}{2000}$
Bullion Yield for the Year.		
Gold value		$82,146 10
Silver "		39,961 16
Total.		$122,107 26
Yield per ton during 1881		$19 77
Total Production to Date.		
Gold.		$23,392,428 08
Silver.		23,472,460 28
Total		$46,864,888 36
	Seventy-nine Per Cent. of Assay Value.	
Total ounces of fine Silver for 1881		30,908 $\frac{15}{100}$
Weight of Bullion		1 ton 452 lbs
No. of Bars		21
Total ounces of fine Silver to date		18,153,281 $\frac{55}{100}$
Total weight		665 tons 902 lbs
Total No. of Bars		11,041

CALIFORNIA MINING COMPANY.

ANNUAL STATEMENT.

From December 31, 1880, to December 31, 1881.

1880.			
Dec. 31.	Samples on hand	$12 18	
"	Cash on hand	278 37	
			$290 55
1881.			
Dec. 31.	Drafts on Secretary	$339,169 75	
"	Samples produced	75 06	
			339,244 81

RECEIPTS.

"	Ophir S. M. Co.		
	Labor	$10,500 45	
	Supplies	4,383 23	
	Lumber	567 42	
	Hoisting	1,055 80	
	Compressed air	3,100 00	
			19,606 90
			$359,142 26
Entire cost C. and C. Shaft to date			$1,707,362 80

DISBURSEMENTS.

1881.			
Dec. 31.	By salaries	$6,000 00	
	By wages	92,035 01	
			$98,035 01
	PURCHASE OF SUPPLIES.		
	Timber	$9,627 45	
	Ice	10,610 90	
	Powder, Fuse and Caps	6,671 48	
	Miscellaneous Supplies	5,796 87	
	Candles	2,258 71	
			34,965 41
	Office Expenses and Advertising		1,330 08
	Legal Expenses		2,973 80
	Team Expenses		148 75
	Taxes—Real Estate	$39 20	
	Taxes—Mine Proceeds	2,811 19	
			2,850 39
	Hoisting—C. and C. Shaft	$12,856 00	
	Hoisting—Ophir S. M. Co	527 73	
	Hoisting—Union Shaft	4,045 50	
			17,429 23
	Reduction		55,580 76
	Assaying		745 49
	One-half expenses C. and C. Shaft		126,200 00
	Sutro Tunnel, ⅛ Royalty		3,058 30
	Pumping Expense		755 00
	Compressed Air		9,197 50
	Interest and Exchange		1,536 49
	Suction Fans		3,706 11
	Samples Shipped		78 55
	Samples on hand		8 69
	Cash on hand		542 70
			$359,142 26

CON. VIRGINIA AND CALIFORNIA

JOINT SHAFT

ANNUAL STATEMENT,

From December 31, 1880, to December 31, 1881.

1880. Dec. 31.	To balance Cash on hand.....		$635 78

RECEIPTS.

Supplies, etc., to Con. Virginia Mining Co.		
Labor	$419 00	
Sundry Supplies.....	20,192 31	
Hoisting.....	12,951 20	
Lumber	1,514 20	
One-half Expense.....	126,200 00	
		161,276 71
Supplies, etc., to California Mining Co.		
Labor.....	$609 87	
Sundry Supplies.....	23,962 28	
Lumber	2,223 16	
Compressed Air	2,420 00	
Hoisting.....	13,050 00	
One-half Expense.....	126,200 00	
		168,465 31
Supplies, etc., to Ophir Mining Co.		
Labor.	$1,992 64	
Sundry Supplies.....	15,247 59	
Hoisting	3,183 68	
Lumber	2,842 62	
Compressed Air.	2,146 71	
		25,413 24
Supplies, etc., to Mexican G. and S. M. Co.		
Labor.....	$1,330 89	
Sundry Supplies	8,684 47	
Hoisting.....	1,393 42	
Timber.....	1,035 42	
Compressed Air.....	1,073 32	
		13,517 52

Supplies, etc., to Hale & Norcross Mining Co.		
Labor	$136 00	
Lumber	51 84	
Sundry Supplies	214 24	
		402 08
Union Con. S. M. Co.		
Sundry Supplies		80 69
Supplies, etc., to Union Shaft.		
Labor	$242 00	
Hoisting	20 00	
Sundry Supplies	2,834 44	
		3,096 44
Osbiston Shaft.		
Sundry Supplies		2,043 00
Pacific Mill and Mining Co.		
Transportation of Ore		1,047 60
Supplies, etc., to Sierra Nevada M. Co.		
Labor	$216 56	
Hoisting	39 20	
Sundry Supplies	95 62	
		351 38
Virginia and Truckee R. R. Co.		
Sundry Supplies		37 50
Other sales of Supplies		175 50
Wood account		657 30
		$377,200 05

DISBURSEMENTS.

By Purchase of Supplies.

1881.		
Dec. 31.	Office Supplies and Repairs	$1,418 19
	Miscellaneous Supplies	28,460 38
	Candles	5,736 70
	Powder, Caps and Fuse	18,977 50
	Lumber	19,890 24
	Wood	106,671 99
	Oils	4,364 68
	Ice	24,724 35
	Water	9,600 00
	Wire Cables	2,373 44
	Salaries	1,800 00
	Wages	112,125 34
	Real Estate	750 00
	Team Expense	77 00
	Contribution Account	90 00
	Interest and Exchange	333 86
	Taxes	4,073 58
	Pumping	10,037 50
	Surveying	1,800 00
	Legal Expense	20,410 50
	Transportation and Hauling	3,027 10
		$376,742 35
	Balance Cash on hand	457 70
		$377,200 05



